

Ps

**NEWS: ADOBE IN SHOCK PHOTOSHOP MOVE  
SOFTWARE BECOMES SUBSCRIPTION-ONLY**



Saturday 25 May 2013

# amateur photographer

THE WORLD'S NO.1 WEEKLY PHOTO MAGAZINE

[www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

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## EOS 100D

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- Weighs only 407g

**ON TEST**

### HOW TO SHOOT SEQUENCES

Easy steps,  
amazing results



**ACTION**

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## OLYMPUS PEN E-P5

Retro Pen with a 16MP sensor  
and five-way image stabilisation



**INSPIRATION**

## READERS' BEST CREATURE PICTURES

30 of your fantastic animal  
shots from APOY round 3

PAGE 26

**ON TEST**



### 6 OF THE BEST

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kits for

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PAGE 20

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Amateur Photographer For everyone who loves photography

**CAMERAS** don't come in sizes the way shoes do, though hands vary just as much as feet. They come built to a scale that reflects who they are aimed at. You need a big camera to do a serious job. A big camera also declares that the photographer means business, and is equipped for whatever the day throws his way. He clearly knows an aperture from a pass of Unsharp Mask, and he and his camera command respect and look the part.

There is no way, when looking at a photograph on a wall, in a book or in a magazine, of telling whether that picture was taken on a small camera or a big camera. Neither has the exclusive on taking any particular type of picture, or pictures of any

particular quality. Sensor size might matter, as might processing power and optical design, but not the physical dimensions of the body. I have come to actively prefer a small and light camera, as it can be carried all day and doesn't make me stand out in the street – and that helps me get pictures I might not be able to otherwise.

Canon's EOS 100D is another 'smallest and lightest DSLR in the world ever' – and that will surely be quite a turn-off for some.



**Damien Demolder**  
Editor

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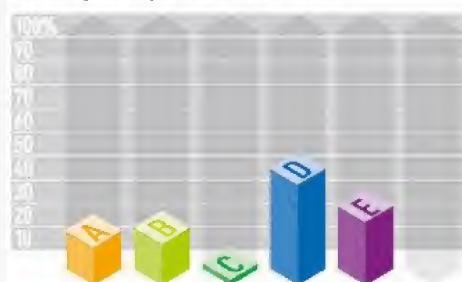
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### IN AP 4 MAY WE ASKED...

What subjects do you shoot in black & white?



### YOU ANSWERED...

A Landscapes	15%
B Portraits	17%
C Wildlife	1%
D A little bit of everything	41%
E I don't shoot black & white	26%

### THIS WEEK WE ASK...

Does camera size matter to you?

**VOTE ONLINE** [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

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**HOW TO HAVE YOUR PICTURES PUBLISHED IN READER SPOTLIGHT** Send in a selection of up to ten images. They can be either a selection of different images or all have the same theme. Digital files sent on CD should be saved in a Photoshop-compatible format, such as JPEG or TIFF, with a contact sheet and submission form. Visit [www.amateurphotographer.co.uk/spotlight](http://www.amateurphotographer.co.uk/spotlight) for details. We cannot publish images without the necessary technical details. Each RGB image should be a minimum of 2480 pixels along its longest length. Transparencies and prints are also accepted. We recommend that transparencies are sent without glass mounts and posted via Special Delivery. For transparencies, prints or discs to be returned you must include an SAE with sufficient postage.

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continuous shooting  
Built-in wireless flash control



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600D 18-135 IS Kit ..... £629.00 £26.20 P/m  
18-55 + 55-250 Twin Kit .. £669.00 £27.87 P/m

## EOS 100D £40 Cashback

18 MP CMOS sensor  
Quick to use  
Full HD movies  
Easy to use, large touch-screen



100D Body Only ..... £569.00 £8.34 P/m  
100D 18-55 IS STM Kit .... £699.00 £10.25 P/m

## EOS 60D £65 Cashback

18 MP sensor  
Full HD movies  
Advanced Creative Features



60D Body ..... £609.00 £25.37 P/m  
60D 18-55 IS Kit ..... £699.00 £29.12 P/m  
60D 18-135 IS Kit ..... £799.00 £33.29 P/m  
60D 17-85 IS Kit ..... £849.00 £35.37 P/m

## EOS 6D £100 Cashback

A 20.2-megapixel DSLR featuring a full-frame sensor and compact design.



6D Body ..... £1599.00 £66.62 P/m  
6D 24-105mm f4L Kit ... £2199.00 £91.62 P/m

## EOS 7D £80 Cashback

18 MP sensor  
Full HD movies  
8 fps Shooting  
100% viewfinder  
Integrated Speedlite transmitter



7D Body ..... £1069.00 £44.54 P/m  
7D 18-135 IS Kit.... £1279.00 £53.29 P/m  
7D 15-85 IS USM Kit .. £1559.00 £64.95 P/m

## EOS 700D £50 Cashback

18 MP sensor  
DigiC4 Processor  
Full HD Video  
Vari-Angle Clear View LCD II Touch Screen



700D Body ..... £619.00 £25.79 P/m  
700D 18-55 IS STM Kit.... £749.00 £31.20 P/m  
700D 18-135 IS STM Kit .... £929.00 £38.70 P/m

## EOS 5D MK III £160 Cashback

22.3 MP sensor  
61 Point AF  
6 fps shooting  
Full HD Video  
Weather sealing  
14 Bit DIGIC5+ processor  
HDR Mode



5D MK III Body ..... £2335.00 £97.29 P/m  
MK III + 24-105 Lens ... £2974.00 £123.91 P/m

## EOS 1DX

18.1 MP CMOS sensor  
up to 14 fps shooting  
61 point AF system  
Full HD Video  
Dual DIGIC 5  
Ethernet port



EOS 1DX Body ..... £4849.00 £202.04 P/m

## Canon Zoom Lenses

## Summer Cashback Offers

look for 'CB' Price

Canon Zoom Lenses offer superb versatility to your EOS system.

EF 8-15mm f4L USM Lens .....	£1059.00	£44.12 P/m	£155 CB
EF-S 10-22mm f3.5-4.5 USM Lens .....	£619.00	£25.79 P/m	£80 CB
EF 16-35mm f2.8 II L USM Lens .....	£1099.00	£45.79 P/m	£165 CB
EF 17-40mm f4.0L USM Lens .....	£579.00	£24.12 P/m	£80 CB
EF-S 17-85mm f4-5.6 IS USM Lens .....	£349.00	£23.26 P/m	£20 CB
EF-S 18-200mm f3.5-5.6 IS Lens .....	£399.00	£23.27 P/m	£40 CB
EF 24-105mm f4L IS USM Lens .....	£819.00	£34.12 P/m	
EF 24-70mm f2.8L II USM Lens .....	£1749.00	£70.79 P/m	£235 CB
EF 28-135mm f3.5-5.6 USM IS Lens .....	£319.00	£21.26 P/m	
EF 28-300mm f3.5-5.6L IS USM Lens .....	£2049.00	£85.37 P/m	
EF 70-300mm f4.0-5.6 IS USM .....	£379.00	£22.10 P/m	£20 CB
EF 70-300mm f4.5-5.6L IS USM .....	£1069.00	£44.54 P/m	
EF 70-200mm f4.0 L USM .....	£479.00	£23.95 P/m	
EF 70-200mm f4.0 L IS USM .....	£899.00	£37.45 P/m	
EF 70-200mm f2.8L USM .....	£959.00	£39.95 P/m	
EF 70-200mm f2.8 L IS USM .....	£1799.00	£74.95 P/m	£235 CB
EF 100-400mm f4.5-5.6L USM IS .....	£1199.00	£49.95 P/m	

## Canon Fixed Focal Length Lenses

When absolute quality is paramount choose a Canon prime lens.

EF 500mm f4.0L USM IS II Lens .....	£7765.00	£323.54 P/m
EF 400mm f5.6L USM Lens .....	£1059.00	£44.12 P/m
EF 300mm f4.0L USM IS Lens .....	£1099.00	£45.79 P/m
EF 200mm f2.0L IS USM Lens .....	£4299.00	£179.12 P/m
EF 200mm f2.8L II USM Lens .....	£599.00	£24.95 P/m
EF 85mm f1.2L II USM Lens .....	£1649.00	£68.70 P/m

EF 50mm f1.2L USM Lens .....	£1169.00	£48.70 P/m
EF 35mm f1.4L USM Lens .....	£1089.00	£45.37 P/m
EF 24mm f1.4L II USM Lens .....	£1239.00	£24.54 P/m
EF 24mm f2.8 IS USM Lens .....	£589.00	£24.54 P/m
EF 20mm f2.8 USM Lens .....	£389.00	£22.69 P/m
EF 14mm f2.8L II USM Lens .....	£1799.00	£74.95 P/m

## Canon Macro Lenses

## Cashback Offers

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Get super close to your subject

EF-S 60mm f2.8 Macro USM .....	£349.00	£23.26 P/m	£20 CB
EF 100mm f2.8 USM Macro .....	£419.00	£20.95 P/m	
EF-100mm f2.8L Macro IS USM .....	£689.00	£28.70 P/m	£80 CB
EF 180mm f3.5 L USM with Hood ..	£1179.00	£49.12 P/m	

## Canon Tilt Shift Lenses

Expand photographic possibilities

TS-E 17mm f/4.0 L with Lens Case .....	£1866.00	£77.75 P/m
TS-E 24mm f/3.5 L II with Lens Hood ..	£1579.00	£65.79 P/m
TS-E 45mm f/2.8 Lens .....	£1089.00	£45.37 P/m
TS-E 90mm f/2.8 Lens .....	£1089.00	£45.37 P/m

## Canon Extenders

## Canon Lighting &amp; Flash

## Cashback Offers



Speedlite  
600EX RT  
Flashgun  
£469.00  
£23.45 P/m



Macro Ring  
Lite MR-14EX  
£459.00  
£22.95 P/m



Macro Ring Lite MT-24EX £749.00 £31.20 P/m



# APNews

News | Analysis | Comment | PhotoDiary 25/5/13



**Adobe is killing off their software range in retail form**  
Photoshop storm? Page 7

'Orphan works' backlash • Campaigners to meet peer over new law

## COPYRIGHT FEARS SPARK GOVERNMENT TALKS

### PHOTOGRAPHERS

will next month meet the Government amid fears that a new law represents a serious threat to copyright and potential 'exploitation' of images posted on the internet.

The news comes as – at the time of writing – around 25,000 people sign a petition against the controversial Enterprise and Regulatory Reform Act, which received Royal Assent last month.

The proposed law was vigorously opposed by many photographers, including David Bailey, before Parliament gave it the green light on 25 April.

Campaigners have called for talks with the Government in a bid to shape legislation before regulations come into force.

The Royal Photographic Society (RPS) and the British Copyright Council (BCC) are among the bodies set to meet Viscount Younger of

Leckie on 10 June.

Viscount Younger is the Parliamentary Under Secretary of State for Intellectual Property.

AP understands that representatives from the British Institute of Professional Photography, the Association of Photographers and the British Association of Picture Libraries and Agencies are also due to attend the meeting.

Photographers' biggest fear concerns the Act's proposed treatment of 'orphan works', where a copyright owner cannot be identified or traced.

Campaigners have argued that, in many cases, identifying metadata is often routinely removed before images are published online.

They warn that the controversial law would permit such works to be used without permission or compensation for the rights holder.



The RPS points out that orphan works will be identified as such, once a 'diligent' search has been made to locate the copyright owner.

The Society said it wants to 'ensure that all photographers – amateur or professional – are not encumbered by the need to devote significant time and resources to protect their work from exploitation by others, when they could be creating new work'.

Andy Finney, who represents the RPS at the BCC, said: 'The sheer speed with which

any photographer can create images means that we are particularly exposed to changes in copyright law.

'While the situation is unlikely to be as grave as some commentators believe, I am not yet convinced that the Government fully understands the implications for photographers of their current agenda.'

'In addition, orphans should not be legislated without due attention being paid to moral rights and metadata, as they are interlinked.'

Stewart Gibson, legal adviser at the Bureau of Freelance Photographers, is among those to voice frustration at the law, saying that Parliament has 'ignored' objections.

Gibson told AP: 'In common with other photographic organisations, we are not happy with the way [the law] has been formulated.'

## ITALIAN WINS ROBERT CAPA GOLD MEDAL

**THE 2013** Robert Capa Gold Medal has been won by an Italian photographer for demonstrating 'exceptional courage' in capturing images of the conflict in Syria.

Fabio Bucciarelli, a freelance photographer for Agence France-Presse, was awarded the accolade for a series of

12 images submitted under the title 'Battle to Death'.

The award was handed out by the Overseas Press Club of America for the 'best published photographic reporting from abroad requiring exceptional courage and enterprise'.

Judges said the images of Syrian rebels, which Bucciarelli photographed in Aleppo last year, put you 'in the moment' and have a 'palatable sense of urgency'.

The citation adds: 'There is a consistency to the images that helps the viewer identify with the subjects and the perils they are encountering.'

'Syria has been one of the deadliest locations for journalists since the beginning of this armed conflict, and



this photographer embodies the finest values of the Capa Award in this collection of images.'

The 32-year-old, who specialised in digital imagery as part of an engineering degree, began his career in photojournalism in 2009.

## SNAP SHOTS

● AP has launched the first-ever Facebook Photo of the Month competition, giving readers the chance to win an Olloclip iPhone lens and other prizes. The images will be showcased on the *Amateur Photographer* Facebook gallery. The top ten images with the most 'Likes' will then be put forward to the AP staff, who will decide the overall winner. To enter an image, either: Post it on our Facebook page; Tweet us your image to @AP\_Magazine using the hashtag #apmonthly; or Email your image to ap\_online@ipcmmedia.com with the subject 'Photo of the Month'. One photo is allowed per entry. The deadline for the May contest is 31 May. After the closing date, people will have two weeks to 'Like' their favourites before judging of the top 10 takes place. For terms and conditions visit [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk).



## Do you have a story?

Contact Chris Cheesman  
Tel: 0203 148 4129  
Fax: 0203 148 8130  
[amateurphotographer@ipcmmedia.com](mailto:amateurphotographer@ipcmmedia.com)

A week of photographic opportunity

## PHOTODIARY

Wednesday  
22 May

**EXHIBITION** Every Man and Woman is a Star by Martin Parr and Tom Wood, until 18 August at Walker Art Gallery, Liverpool L3 8EL. Tel: 0151 478 4199. Visit [www.liverpoolmuseums.org.uk/walker](http://www.liverpoolmuseums.org.uk/walker). **EXHIBITION** Claire Aho: Studio Works, until 21 July at The Photographers' Gallery, London W1F 7LW. Tel: 0207 087 9300. Visit [www.thephotographersgallery.org.uk](http://www.thephotographersgallery.org.uk).



Thursday  
23 May

**EXHIBITION** Transplant by Patrick and Tristram Featherstonhaugh, until 25 May at Margaret Street Gallery, London W1W 8SW. Visit [www.margaretstreetgallery.com](http://www.margaretstreetgallery.com). **EXHIBITION** Findings, pinhole photography by Tom Hunter, until 19 July at Church Street, Birmingham B3 2RT and St Paul's Square, Birmingham B3 1QZ.



Friday 24 May

**EXHIBITION** Trusted Visions – Nowicki vs Karanka, until 31 May at Third Floor Gallery, Cardiff CF10 5AG. Tel: 02921 159 151. Visit [www.thirdfloorgallery.com](http://www.thirdfloorgallery.com). **EXHIBITION** A Rare Photograph of the Soul Leaving the Body – 29 works by photo-artist and sculptor Thom Bleasdale until 6 June at WeSC Store, London W1F 7EA. Visit [www.wesc.com](http://www.wesc.com).

Saturday 25 May

**DON'T MISS** Early morning birdsong walk (7.30-9.30am, booking essential) at Brownsea Island, Dorset BH13 7EE. Tel: 01202 707 744. Visit [www.nationaltrust.org.uk](http://www.nationaltrust.org.uk). **EXHIBITION** Sebastião Salgado: Genesis, until 8 September at the Natural History Museum, London SW7 5BD. Tel: 0207 942 5011. Visit [www.nhm.ac.uk](http://www.nhm.ac.uk).

Sunday 26 May

**DON'T MISS** Classic car day (10am-5pm) at Killerton, Devon EX5 3LE. Tel: 01392 881345. Visit [www.nationaltrust.org.uk](http://www.nationaltrust.org.uk). **EXHIBITION** Bert Hardy Centenary Exhibition, until 26 May at The Photographers' Gallery, London W1F 7LW. Tel: 0207 087 9320. Visit [www.thephotographersgallery.org.uk](http://www.thephotographersgallery.org.uk).

Monday 27 May

**EXHIBITION** Nobuyoshi Araki, until 8 June at Michel Hoppen Gallery, London SW3 3TD. Tel: 0207 352 3649. Visit [www.michaelhoppengallery.com](http://www.michaelhoppengallery.com). **EXHIBITION** Man Ray Portraits, until 27 May at National Portrait Gallery, London WC2H 0HE. Tel: 0207 306 0055. Visit [www.npg.org.uk](http://www.npg.org.uk).

Tuesday 28 May **LATEST AP ON SALE**

**DON'T MISS** Treveal Spring Flower Walk (2-4.30pm) – a guided walk through the River Cove valley, Cornwall TR26 3BW. Tel: 01736 791 543. Visit [www.nationaltrust.org.uk](http://www.nationaltrust.org.uk). **EXHIBITION** Deutsche Börse Photography Prize 2013, until 30 June at The Photographers' Gallery, London W1F 7LW. Tel: 0207 087 9300. Visit [www.thephotographersgallery.org.uk](http://www.thephotographersgallery.org.uk).

Changeable-lens camera sales fall

**23%**

Fixed-lens camera sales down

**24%**

Overall sales down first quarter

**21%**

Fixed-lens cameras also hit

## CHANGEABLE-LENS CAMERA SALES FALL



### CHANGEABLE-

lens camera sales fell 23% in the UK in March, compared to the same month the previous year, according to data seen by AP.

Demand for fixed-lens cameras – a market that has been badly hit by the smartphone revolution – plunged 24% in value terms.

The news comes as overall sales for the UK photo sector dropped 21% in each of the first three months of 2013, compared to figures for the same quarter in 2012, reports GfK Retail and Technology UK Ltd. Digital camera sales fell 22% month on month.

Online sales were down 3.1% in March 2013, compared to the year before.

Asked to explain the apparent fall in demand for cameras, a GfK spokeswoman said it was 'hard to compare March 2012 with March 2013 as they were not like-for-like'.

GfK partly attributes the higher sales of last year on 'premium products' launched around that time.

Commenting on this year's data, she added: 'New technologies still attract more and more consumers. For example, touchscreen digital cameras grew in sales value by 47% in March 2013 compared to the same period last year.'

'Furthermore, with the growth in importance of connectivity, Wi-Fi cameras enjoyed one of the highest growth rates in digital cameras, every month.'

## RPS BOSS WELCOMES JESSOPS' BATH RELAUNCH

**THE ROYAL** Photographic Society (RPS) has welcomed Jessops back to Bath – the Society's home city – as the chain's tally of relaunched shops, at the time writing, reached 19.

In March, Jessops boss Peter Jones unveiled plans to reopen up to 36 shops by the end of April, just months after administrators pulled the plug on the business under previous owners.

Michael Pritchard, director general of the RPS, told *Amateur Photographer*: 'The Society welcomes the reopening of Jessops in Bath...'

'Its return, alongside several independent camera shops in the city, will provide photographers and the public with more choice of equipment and related photographic services, which has to be a good thing.'

He added: 'If Jessops can provide good customer service, supported by knowledgeable staff and competitive prices



in-store or online, it should be a permanent fixture on our high street.'

Jessops currently has stores in Aberdeen, Basingstoke, Bath, Belfast, Birmingham Temple Row, Bristol, Bury St Edmunds, Eastbourne, Gateshead Metrocentre, Glasgow, High Wycombe, Leeds, London Oxford Street, Manchester, Redditch, Sheffield Meadowhall, Shrewsbury, St Albans and Worthing.

## SNAP SHOTS

● A series of Nikon workshops is set to take place in York next month. Simon Stafford will host a workshop on Nikon DSLR photography, and another on Speedlight flash systems, on Saturday 8 June. A separate 'walkabout' session – entitled 'Photographing York' – will be held the following day. The DSLR and Speedlight workshops each cost £155, with the walkabout session priced at £200, including refreshments. For details call 01904 612 613 or visit [grayscourtyork.com](http://grayscourtyork.com).

● Olympus OM-D fans can rent the compact system camera free of charge as part of an interactive exhibition in Berlin, Germany, which is open until 24 May. The OM-D Photography Playground takes place at Opernwerkstatten, Berlin, Zinnowitzer Str. 9. It is open from 11am-7pm. Entry is free. Visit [www.createyourownworld.de](http://www.createyourownworld.de).

Software to become subscription-only

# PHOTOSHOP RULE CHANGE TO HIT PHOTOGRAPHERS

**USERS** of Adobe Photoshop will be forced to pay a subscription for access to new versions of the popular image-editing software.

From June, photographers will only be granted access to Photoshop by paying a subscription for Adobe Creative Cloud, a membership-based service that allows users to download applications over the internet.

Adobe Creative Suite 6 will be the last version available to buy as a standalone product.

The move – which is likely to provoke an angry response from many – means that photographers will no longer be able to continue with their original Creative Suite software and pick and choose future updates.

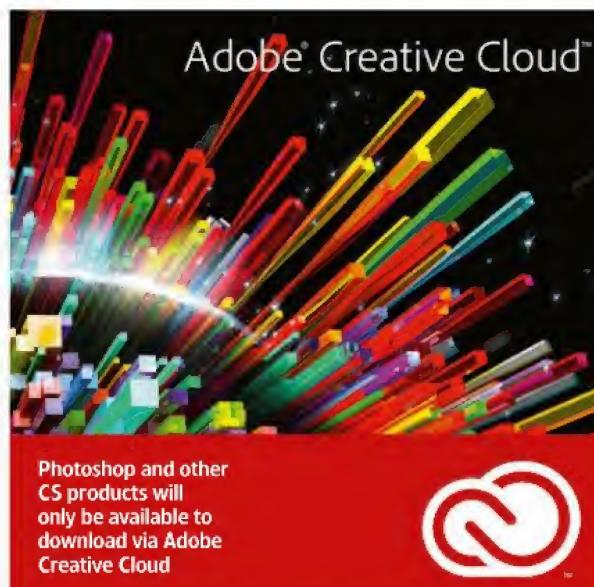
The Creative Suite 6 software will reportedly only be updated by Adobe to address any future bugs.

Yearly membership of Creative Cloud, for the complete Creative Suite package, costs around £47 per month.

It will cost around £18 a month to access a single application, such as Photoshop.

Business 'teams' will be asked to pay a monthly fee of around £65.

Among the first to voice concern was AP forum member 'AndyTake2', who wrote on the AP website: 'Adobe is killing off



their software range in retail form. Instead, you will have to sign up to their Creative Cloud system, which is a monthly subscription.

'No more buying Photoshop and using it for several years, just because you don't need the latest widgets and gizmos – you either agree to 12-monthly licences or month-to-month licensing, which is going to cost.'

However, AP reader Barney Allen was more phlegmatic. He wrote on Facebook: 'Given the value I get from Creative Suite apps I think it represents good value, especially when you take

into account the cost of upgrades and it being tax deductible.'

Adobe claims that the move will 'put innovation in our members' hands at a much faster pace'.

In a statement, Adobe said: 'While Adobe Creative Suite 6 products will continue to be supported and available for purchase, the company has no plans for future releases of Creative Suite

or other CS products.'

'Focusing future development on Creative Cloud will not only accelerate the rate at which Adobe can innovate, but also broaden the type of innovation the company can offer the creative community.'

Maria Yap, Adobe's senior director of Product Management, admitted 'change is hard', telling customers in a blog: 'We simply can't sit back when the world is changing so rapidly. Waiting 18-24 months to catch up isn't acceptable for any of our customers.'

'We need to respond quickly to meet your evolving needs and to do so, we have to break with the old way of doing things.'

She added: 'Gone are the days of just one lone Photoshop customer and one desktop computer. In this

highly connected world, we're building real-world solutions that bring you, your fellow collaborators and clients together in a truly seamless and meaningful way.'

Adobe says that Lightroom 5 will continue to be available to buy as a standalone product, and that more than 500,000 have signed up as paid members of Creative Cloud since its launch in April 2012.

## LATEST NEWS ONLINE

[amateurphotographer.co.uk](http://amateurphotographer.co.uk)

# NIKON OPENS LONDON TRAINING CENTRE

**NIKON** has chosen five professional photographers to serve as 'ambassadors' for the brand and provide inspiration for fellow photographers. Nikon made the announcement at the official launch of its new Centre of Excellence in central London recently.

Nikon UK's Ambassadors are wildlife and landscape photographer Ross Hoddinott, sports photographers Dickie Pelham and Mark Pain, wedding photographer Mark Seymour and John Wright, a

celebrity and fashion photographer.

Guests on the opening night included Arthur Edwards, Royal Photographer at the Sun newspaper.

The Centre of Excellence is on the same site as the new Nikon School (see News, AP 30 March).

The Nikon School and Centre of Excellence are located at 63-64 Margaret Street, London W1W 8SW.

Nikon has moved its training facilities from its offices in Kingston-upon-Thames, Surrey.



**Sun** photographer Arthur Edwards with Nikon UK president Hidehiko Tanaka



## Do you have a story?

Contact Chris Cheesman  
Tel: 0203 148 4129  
Fax: 0203 148 8130  
[amateurphotographer.ipcmmedia.com](http://amateurphotographer.ipcmmedia.com)

AP  
THIS  
WEEK  
IN...

1939



In 1939, one of the best ways to be able afford a Leica camera was by taking out a two-year payment plan. So said camera dealer Wallace Heaton in a full-page advert in AP. 'These simple payments applied to Leica II amount to less than 1/- a day,' continued the ad, 'and even the Leica IIb - the camera every enthusiast longs to own, costs only 1/4 1/2 a day.' A Leica rewarded its owners by delivering everything you asked of it, apparently - 'pictures indoors or out, pictures at night, in theatre, the sports field, racing track or first-rate shots of every incident in a happy holiday by the sea'. That's good then.

## SNAP SHOTS

● Pentax is offering cashback on DSLRs, CSCs and compact models in a promotion that runs until 27 July. Cashback on a Pentax K-5 II with an 18-135mm WR lens amounts to £85, for example, while there is £35 back on the body-only price of a K-30. For details call 0844 770 2206 or visit [www.pentax.co.uk/cashback](http://www.pentax.co.uk/cashback).

● A 64GB Micro SDXC memory card has been launched by PNY. The £34.99 card has a write speed of up to 20MB/s, according to the US firm, which says it can store up to 25 hours of 1080p video. For details visit [www.pny.eu](http://www.pny.eu)

● Photo supplier Kenro has revamped its website, promising a better online experience for customers - including a stockist locator, improved navigation and faster loading times. For details visit [www.kenro.co.uk](http://www.kenro.co.uk).



© FENTON BAILEY

## 11 images on display LEGEND'S SON EXPOSES FIRST EXHIBITION PICS

**IMAGES** of the female form by Fenton Bailey, son of legend David, have gone on show in London until the end of May.

The joint exhibition - Fenton's first - is curated by Bailey's other son, Sascha, and includes portraits by photographer Mairi-Luise Tabbakh.

Fenton's images focus on the faces and forms of his two muses, 'both of whom were involved with relationships with him at the time', according to

Imitate Modern, the London gallery where 11 of his photos have gone on show.

'His desire to take images with an intensely personal undercurrent is at the epicentre of his work,' adds a spokesperson.

The exhibition - called Human Relations - takes place at Imitate Modern, 27a Devonshire Place, London W1G 6PN.

For details, visit [www.imitatemodern.com](http://www.imitatemodern.com).



© NICKY TAYLOR

## UN SPOTLIGHT FOR BRITISH PHOTOGRAPHER

**THE UNITED** Nations has chosen a UK photographer's images to promote an environmental campaign on sustainable development.

Nicky Taylor, a landscape and underwater photographer, said the UN's 'Harmony with Nature' initiative chimes with his own personal commitment to the environment.

He added: 'My work seeks its inspiration in nature's destructive, and yet creative, forces - shaping the world as we see it, and dwarfing man's mark.'

The UN's campaign kicked off at a meeting in New York last month.



### Do you have a story?

Contact Chris Cheesman  
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[amateur\\_photographer@ipcmmedia.com](mailto:amateur_photographer@ipcmmedia.com)

# CLUB NEWS

Club news from around the country

### MEARNS CAMERA CLUB

The club made local news by winning the Grampian Eye competition, an inter-club contest, at the end of last month. Mearns beat 12 other clubs to the trophy with a total of 243 points, reports the *Kincardineshire Observer*. For club details visit [www.mearnscameraclub.co.uk](http://www.mearnscameraclub.co.uk).

### CROXLEY CAMERA CLUB

Members of the Hertfordshire-based club hosted an exhibition called CroxFotoFest at the end of last month, details of which were reported in the *Watford Observer*. The club is due to hold its summer party on 23 May. For details visit [www.croxleycameraclub.com](http://www.croxleycameraclub.com).

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AP hands-on

# Olympus Pen E-P5

To mark the arrival of the Pen F some 50 years ago, Olympus has launched the new flagship Pen E-P5, with a 16.1-million-pixel sensor and greater emphasis on manual control. **Matt Golowczynski** gives his first impressions

**WHILE** Olympus's OM-D E-M5 currently tops the company's range of compact system cameras, for almost two years the flagship model in its more highly developed Pen series has been the E-P3. In that time the Pen line-up has benefitted from a number of improvements derived from the E-P3 – notably its 16.1-million-pixel sensor – but now finally gains a new model, which serves as the E-P3's direct replacement.

While previous EP models have all maintained a reasonably consistent design, the E-P5 signals a slight change in direction. Marking the 50th anniversary of the Olympus Pen F, the company has adopted elements of that camera's front plate for the E-P5, while revising the rest



of the camera's design to put greater emphasis on manual control.

## KEY FEATURES

Internally the camera gains the same 16.1-million-pixel Live MOS sensor and TruePic VI processor as the OM-D, a combination also used for the company's recent E-PL5 and E-PM2 models. Unlike these two cameras, however, the E-P5 also inherits the OM-D's five-way image stabilisation system, which Olympus

**The Olympus E-P5 gives a nod to the 50-year-old Pen F**

claims is effective over roll, pitch and yaw movements, as well as vertical and horizontal shift, for up to 5EV steps.

The E-P5 also has the honour of being the first Olympus CSC to offer integrated Wi-Fi functionality, which, in addition to wireless image transfer, can also be used in conjunction with smartphones and tablets for remote shooting. The app which will be needed for this will run on both iOS and Android platforms and, according to Olympus, will allow users to control basic functions like focus and exposure.

The camera is also said to be the first CSC with a shutter speed of 1/8000sec through a mechanical shutter alone, like many professional DSLRs. Although this is exceeded on other CSCs – such as Nikon's 1-system models, which double this to 1/16000sec – to date this has only been possible through electronic shuttering.

A further change that results from this is that it allows for a higher flash-sync speed than previous Pen models, with a speed of 1/320sec possible using the built-in flash and 1/250sec with external units. By contrast, the E-P3 offers a standard maximum 1/180sec sync speed, with higher speeds only possible at the expense of flash power (in the Super FP mode).

The camera's continuous burst rate has also been boosted from the E-P3's 8fps, with the same 9fps speed as the OM-D possible when focus is locked to that of the first frame, and a reduced rate of 5fps when continuous focus is used to track a moving subject. There's also a new Super Spot AF option said to reduce the size of the focus

**The compact body should prove popular with travel photographers**

## AT A GLANCE

- 16.1-million-pixel Live MOS sensor
- ISO 200-25,600
- 3in, 1,037-million-dot tiltable LCD screen
- 9fps shooting rate
- Built-in Wi-Fi
- Around £900 body only





**Left: The control dials on the front and rear make changing settings quick and easy**

**Right: The Pen E-P5 is compatible with the new VF-4, which has a 2.36-million-dot resolution**

point by up to 1/70 of the screen's diagonal, which is potentially very useful when focusing on small or distant subjects.

One feature the E-P5 doesn't carry over from the OM-D is the rear display, despite the two appearing similar at first glance. Rather than the OM-D's 610,000-dot OLED display, Olympus has furnished the E-P5 with a 1.037-million-dot LCD, albeit one with the same capacitive touchscreen operation. Mounted on a platform, this can be pulled away from the body and tilted for low- and high-angle shooting.

While there's no viewfinder on the camera itself, a new VF-4 electronic viewfinder is to be launched alongside the new model. Its optical construction has been designed to produce distortion-free images, while its LCD boasts a resolution of 2.36 million dots – the highest yet for an Olympus electronic viewfinder. Olympus also claims that its magnification exceeds those of all current electronic viewfinders available for CSCs, as well as optical viewfinders found within DSLRs with APS-C sensors, when translated into 35mm-equivalent measurements.

#### FIRST IMPRESSIONS

We handled a pre-production sample at the press launch in Berlin. Although the firmware wasn't final, it was possible to get a good idea of what to expect from the E-P5 in terms of its handling, operation and general performance.

Perhaps what surprised us most was how closely the performance of the camera's display mirrored that of the OM-D's, despite it being based on LCD rather than OLED technology. Although it wasn't possible to test it under particularly challenging conditions, it appeared to be just as pleasingly colourful and as high in contrast too, with a similarly wide viewing angle. Furthermore, the touchscreen was



equally responsive when keyed, requiring only a gentle press for focus to be initiated.

As one of the OM-D's more impressive features is its prompt autofocus system, it was heartening to discover the E-P5 performing to a similar standard in this regard. Admittedly, the only opportunity to test this was brief, in a moderately lit room with a single lens, but the system seemed capable of focusing in excellent time.

In terms of the camera's physical controls there's little to dislike. The screen pulls away from the camera with ease, while the two command dials protrude far enough out from the body for them to be gripped comfortably. Some may find the small lever that is used to change the functions of these dials to be somewhat fiddly, but the spacing of the controls around the camera is better than on the E-P3, and it's good to see such a generously proportioned thumb rest on the rear to aid handling.

Perhaps the only thing that might discourage some is the body's thickness, which is likely to be at least partly a consequence of the camera's articulated screen. At 37.2mm deep, it's only around

1mm thinner than the recently launched Panasonic Lumix DMC-GF6, whose screen has also necessitated it to be bulkier than its predecessor, and almost 3mm thicker than the E-P3. This may, however, be viewed by some as a welcome change, with the extra bulk making it easier to operate the camera in a more physical manner.

#### CONCLUSION

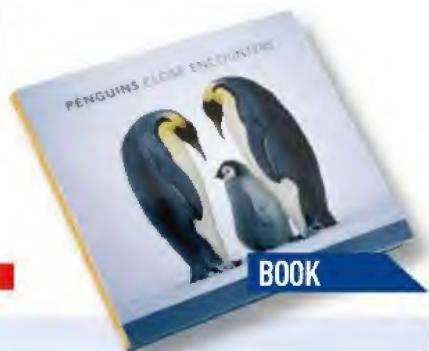
Overall, the E-P5 appears to combine positive attributes from the OM-D and previous Pen models with a modest amount of new functionality, all inside a highly functional body. Whether the target user is likely to take advantage of the wireless functionality is debatable, but it's nice to see it finally incorporated into an Olympus CSC. It will be interesting to compare this model to the recently launched Panasonic Lumix DMC-GF6, which also offers a combination of a 16-million-pixel sensor, tiltable display and wireless functionality. **AP**



**The touchscreen is tiltable with an impressive 1.037-million-dot screen**

# AP Review

The latest photography books, exhibitions and websites. By Jon Stapley



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## Penguins Close Encounters

By David Tipling, New Holland Publishers, £20, hardback, 160 pages, ISBN 978-1-7800-9247-8

**BABY** penguins. Adult penguins. Penguin families. Swimming penguins. Walking penguins. Penguins come in all modes imaginable in this book from David Tipling. Taken on trips to the Antarctic, his photography offers views of the interactions of several species of penguin, creating some charming imagery. Tipling's captions are informative and lively, and he goes into detail about how he put the images together. Behind-the-scenes shots show how close the photographers were able to get to the animals. In one caption Tipling notes: 'It is impossible not to smile in the company of penguins'. Based on this evidence, it's hard to dispute.



[www.bwvision.com](http://www.bwvision.com)

**TOUTING** itself as a source for all things relating to b&w fine art and long-exposure photography, this site includes tutorials, blogs, and galleries. It was created by Joost de Jong and award-winning b&w photographer Joel Tijntjelaar, the latter of whom is evidently the driving creative force behind proceedings, being currently the only occupant of the 'Artists' section. Though there are good tutorials on various techniques, it does still feel like a website waiting to be filled out. The galleries are worth a look for b&w hounds though, and it should be stressed that the material that is there is of a good standard. A niche site with potential for growth.



## EXHIBITION

**Sebastião Salgado: Genesis**

Until Sep 8, Natural History Museum, Cromwell Road, London SW7 5BD. Tel: 020 7942 5000. Website: [www.nhm.ac.uk](http://www.nhm.ac.uk). Open Mon-Sun 10am-5.30pm.

**IN THIS** exhibition, documentary photographer Sebastião Salgado turns his lens to the natural world. The Natural History Museum is a perfect host for his foreboding monochrome imagery of our planet, imagery that evokes reflection on how we treat our planet's resources and questions the sustainability of our lifestyles. What really shines is his versatility – the sweeping

landscapes such as those of America's Colorado Rivers have an emptiness to them that at times feels almost post-apocalyptic, while the images of animals positively brim with life and movement, albeit in muted monochrome. The photography celebrates the boundless diversity of life, but the relentless grey reminds us of how easily all this splendour could disappear.

**Arvid Gutschow**

By Arvid Gutschow, Hatje Cantz, £32.50, hardback, 128 pages, ISBN 978-3-7757-3536-0

**IN HIS** home country of Germany, Arvid Gutschow was considered one of the forerunners in abstract landscape photography right up until his death in 1984. This book of stark monochrome images showcases some of the best of his work, including seascapes, forests and urban imagery. With colour absent, the focus falls onto shape and texture, and Gutschow's lens frequently seeks out interesting examples – whether angles of a building's metal framework or the rough, nature-hewn patterns of a desert's sand floor. Mostly taking images devoid of human or animal life, Gutschow conjures a curiously desolate vision. Biographical material and essays round out the collection. The style won't appeal to everyone, but there's interesting imagery to be unearthed here.



Amateur  
Photographer  
★★★★★

# CONDENSED READING

A round-up of the latest photography books on the market



● **THE FIRST WORLD WAR IN PICTURES** edited by Ian Perberthy, £7.99 Though the 'war to end all wars' didn't end global conflict, it certainly ensured that things would never be the same. This collection of historical press photography documents the war from a predominantly British perspective, at home and on the front. Showing people struggling with the new realities of warfare, it's a diverting read.

● **SHORT CUTS: ARTISTS IN CHINA** by Thomas

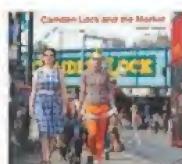
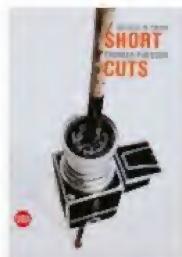
Fuesser, £48 Thomas Fuesser gets his readers up to speed with the world of Chinese contemporary art in this pricey but voluminous book. He captures 17 artists' various processes so evocatively that you quickly get a sense of their medium, workday and personality.

● **BRYAN PETERSON'S EXPOSURE SOLUTIONS** by Bryan

Peterson, £14.99 A conversational writing style balances with a troubleshooting approach to make this book accessible but deep. Some of the best sections focus on very specific situations – photographing lightning or fireworks – giving the reader impetus to try the techniques out for themselves.

● **CAMDEN LOCK AND THE MARKET** by Caitlin Davies, £12.99 This illustrated history of the famous London market features lovely archival photography of Camden denizens from throughout the years.

Author Caitlin Davies, whose connection to Camden dates back to her first teenage job on one of the stalls, invited more than 100 people to share their experiences, and anyone with fond memories of the market will enjoy the results.



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# Letters

Share your views and opinions with fellow AP readers every week

## LETTER OF THE WEEK

Wins a 20-roll pack of 36-exposure Fujifilm Superia ISO 200 35mm film or a Fujifilm 8GB media card\*



**FUJIFILM**

### THE DIGITAL PRICE IS DEFINITELY RIGHT

I recently decided to make a value-for-money comparison between my Olympus OM-D E-M5 and my old and rather nostalgic 1980 Olympus OMn 35mm film camera, taking in inflation, of course. Well, straight out of the bag, the digital OM-D is capable of shooting at 9fps; with my film OMn, I would have had to buy the extremely expensive add-on motor drive, which, by today's standards, was rather slow. It goes on and on. Red, green, yellow filters? Buy them separate, screw them on, but with the OM-D they are built in, no messing. Shoot a movie? Back then, you'd need a cine camera, with 3mins 20secs film length that went in a flash! Today, we have cameras that sport HD professional-standard video cameras, in-camera slide shows, editing. How about modern film and shutter speeds? They'd have gone dizzy back then at today's figures.

All this equates to today's modern digital camera systems as being superior in both value and performance, clearly outperforming any pre-digital camera. Let's face it, digital has clearly surpassed film, and there is no further discussion to be had.

As a final word, though, I must not forget the thousands of hours of pure enjoyment I had with many film cameras. God bless 'em!

**Ray Sergeant, Lancashire**

### TO HAVE OR HAVE NOT

Although most of my prints are 5x7in and 10x8in, I greeted the news of the absence of an anti-aliasing filter on the Nikon D800E with great excitement when it was launched. It was with equal disappointment that I heard from more expert photographers that they could detect no difference in sharpness between a D800E and the normal D800. The hastily adjusted £400 premium on the price of the D800E was sufficient deterrent to stop me rushing out to my wonderful

local camera shop (Chiswick Cameras in West London) and decimating my bank balance.

I am now the happy owner of a Fujifilm XE-1, which also comes without an anti-aliasing filter, and I love its image quality, particularly against the light. Whenever I achieve a sharp 5x7in print, I feel a warm smugness in the knowledge that I am harnessing the latest scientific breakthrough in the never-ending pursuit of sharpness.

The D800E is too expensive for me, but

### What The Duck



<http://www.whattheduck.net/>

the D7100 is tempting. I see that the new Pentax K-5 IIs is 'only' £120 more than the Pentax K-5 II, as a less harsh premium than the one Nikon imposed. Did Leica miss a trick here, not heralding their original introduction of the AA-less sensor in the Monochrom a bit more loudly? I believe it predated the D800E by some time.

I wonder if the absence of the AA filter will soon become the norm, or will it become yesterday's news before I have even learned to pronounce it?

**Peter Ho, London W5**

### Write to...

'Letters' at the usual AP address (see page 3) fax to 020 3148 8130 or email to amateurphotographer@ipcmedia.com

\*Please indicate whether you would like to receive Fujifilm film or a memory card (please state type preferred) and include your full postal address

### Backchat

Send your thoughts or views (about 500 words) to 'Backchat' at the usual AP address (see page 3). A fee of £50 will be paid on publication

### THE SCOPE OF THE ISSUE

I was a bit disappointed to see Mick Bidewell's *Backchat* piece on Nikon riflescopes. He certainly doesn't speak on my behalf when he writes that amateur photographers are outraged that the company produces such items.

Nikon has been manufacturing scopes, including astronomical telescopes, hunting scopes and microscopes for decades and, frankly, the company doesn't deserve the kicking he's given them. Mr Bidewell characterises legitimate shooters as unthinking, bloodthirsty types. Well, I'm a regular reader of AP, a keen Nikon DSLR user, a wildlife lover and a shooter. I hate to dash Mr Bidewell's stereotype, but I don't rush around like Elmer Fudd. When I pull the trigger at an animal, I do so with the intention of killing it cleanly. I am, after all, harvesting it for food. The action is considered and efficient, and if I'm using a rifle, it is aided by good-quality optics.

In Mr Bidewell's ideal world, nature would presumably be allowed to fend for itself, but the reality is that it is not just 'trophy hunters' who use rifle scopes, but the likes of the RSPB, the National Trust and the Forestry Commission, who also find them invaluable in managing some animal species for conservation purposes on their estates and reserves. Would Mr Bidewell rather animal-welfare considerations were compromised by the use of poor-quality optics when picking out a target?

I really don't wish to drag the hunting debate onto the letters pages of AP, but it is important for readers to appreciate that Nikon is a company that makes fine optics for a number of markets, whether that be birdwatching, photography, healthcare or shooting. If Mr Bidewell is intent on avoiding optics companies that make riflescopes, however, I'm sad to say he'll have to strike Leica and Zeiss off his shopping list.

**Alastair Balmain, editor, *Shooting Times & Country Magazine***

### IT'S NOT JUST NIKON

In view of the furore about Nikon making telescopic sights, I just thought that I would point out that a quick search on the internet shows that Zeiss, Leica, Minox, Swarovski and Pentax all make them as well. Carl Zeiss gives them an umbrella term of Sports Optics Hunting and also makes reflex sights. Pentax also makes a red-dot sight and describes its telescopic sights as Gameseeker. Leica calls them riflescopes

and, for one of its models, considers it suitable for 'stalking on home ground or out in Africa'. There are pictures on the websites of rugged-looking men in hunting situations.

I think that most optical firms make telescopic sights, as well as binoculars and lenses. It seems unfair to castigate Nikon as the only manufacturer involved in this. But I can find no evidence that Canon or Olympus make sighting systems, so perhaps we should all switch to them.

**John Strain, via email**

**I wonder if we could consider Nikon's manufacture of units for cell incubation observation, which help to grow new humans, as balancing its account.**

**Samsung makes the K9 Thunder self-propelled howitzer, but that doesn't stop anyone supporting Chelsea FC or buying a Galaxy S4 – Damien Demolder, Editor**

#### JUSTIFICATION

In the late 1980s I was working for a national company earning under £60 pounds a week after tax. This fact caused me some surprise when my colleague brought in his new fishing reel to show us, as many of us were keen social fishermen living within five miles of the beach. It was, I seem to remember, a Daiwa 7HT beach reel,

costing a penny short of £100. Bearing in mind that our weekly wage was only about half that, and that the top fishing beach reels at that point were the ABU multiplier range, which sold for around £75, I said to my colleague that he could buy an awful lot of fish for the £25 difference between the two reels. His reply: 'I have bought the reel for the pleasure of owning it and not for any extra fish it may help catch.'

My colleague's justification for spending more on his gear was for the pleasure of owning the more expensive gear, and that thought has influenced a number of my purchasing decisions since. I know when possible I have had extra satisfaction from purchasing something that is of better quality than an item I know I could get by with. I will admit, though, that I am finding it difficult, or rather impossible, to justify buying a Nikon D800E when I have to get by with a Nikon D50.

**Henry Gowland, via email**

**There is a little more than simply the pleasure of ownership between the D50 and the D800, but I know what you mean. When we are hobbyists there is often no justification other than pleasure. The D50 is a fine beast, all the same – Damien Demolder, Editor**

#### LOCAL HISTORY

I have admired the work of James Ravilious (*Country life*, AP 11 May) for a few years now. I live near Dolton, so I am familiar with the landscapes and people he recorded with such skill and insight.

I am a member of a local history group in Langtree, near Torrington, and was involved in a project that fed into the archives of our group. Being a teacher, I had access to the village school and its inmates. We decided to give out to the children a disposable camera on which we encouraged them to record their village, their relations, their homes, houses, cars and anything else that they felt was important to record. This was a very successful project and the results formed the centrepiece of one of our exhibitions. Many of the pictures, while not of the quality of Mr Ravilious', did have a certain feel to them and were much admired by the visitors to the exhibition. The village WI carried out a similar project with similarly interesting results.

Our project took place about ten years ago and, at a recent gathering of group members, we decided that it was time to



## Country life

**James Ravilious** wasn't famous in his lifetime, but he is now seen as an important photographer of rural England. **David Clark** looks at Robin Ravilious' photo of his wife's work

**ALTHOUGH** James Ravilious is most remembered for his fine illustrations of vernacular architecture, he also took many photographs of the people and places of his native Exmoor. This image, taken in 1972, shows his wife, Robin, with a flock of sheep. The two young girls, Carolyn (left) and Sophie (right), were his granddaughters at the time the photo was taken. The photo is part of the *Country life* exhibition at the Royal Photographic Society's annual exhibition in Bath.



**ROBIN RAVILIOUS** was born in 1938. She studied at the Royal College of Art, London, and has had several solo exhibitions. She now lives in North Devon. She is currently working on a new project, *Reindeer*, which will be shown at the Royal Photographic Society's annual exhibition in Bath in 2013.

**BACKGROUND** *Country life* is a photographic exhibition at the Royal Photographic Society's annual exhibition in Bath, until 26 May. The exhibition features work by Robin Ravilious, her husband James, and other members of the Ravilious family. The exhibition is a celebration of the work of the Ravilious family, and the impact they have had on the field of photography. The exhibition is free to enter, and open to the public from 10am to 5pm daily.

repeat the exercise because time moves on and changes need recording. Perhaps we will give the job to a different section of the community this time – the famers would be an interesting group to try.

We may not have the ability of James Ravilious, but it does not stop us trying to record the way of life in our own environments. In our village we have done this twice already and will almost certainly repeat the exercise to add to the story of our village contained in the village archives.

**Andy Roe, via email**

# BACK CHAT

## An encounter with an early '90s compact has AP reader Martin Johnson musing on the rapid changes in camera technology

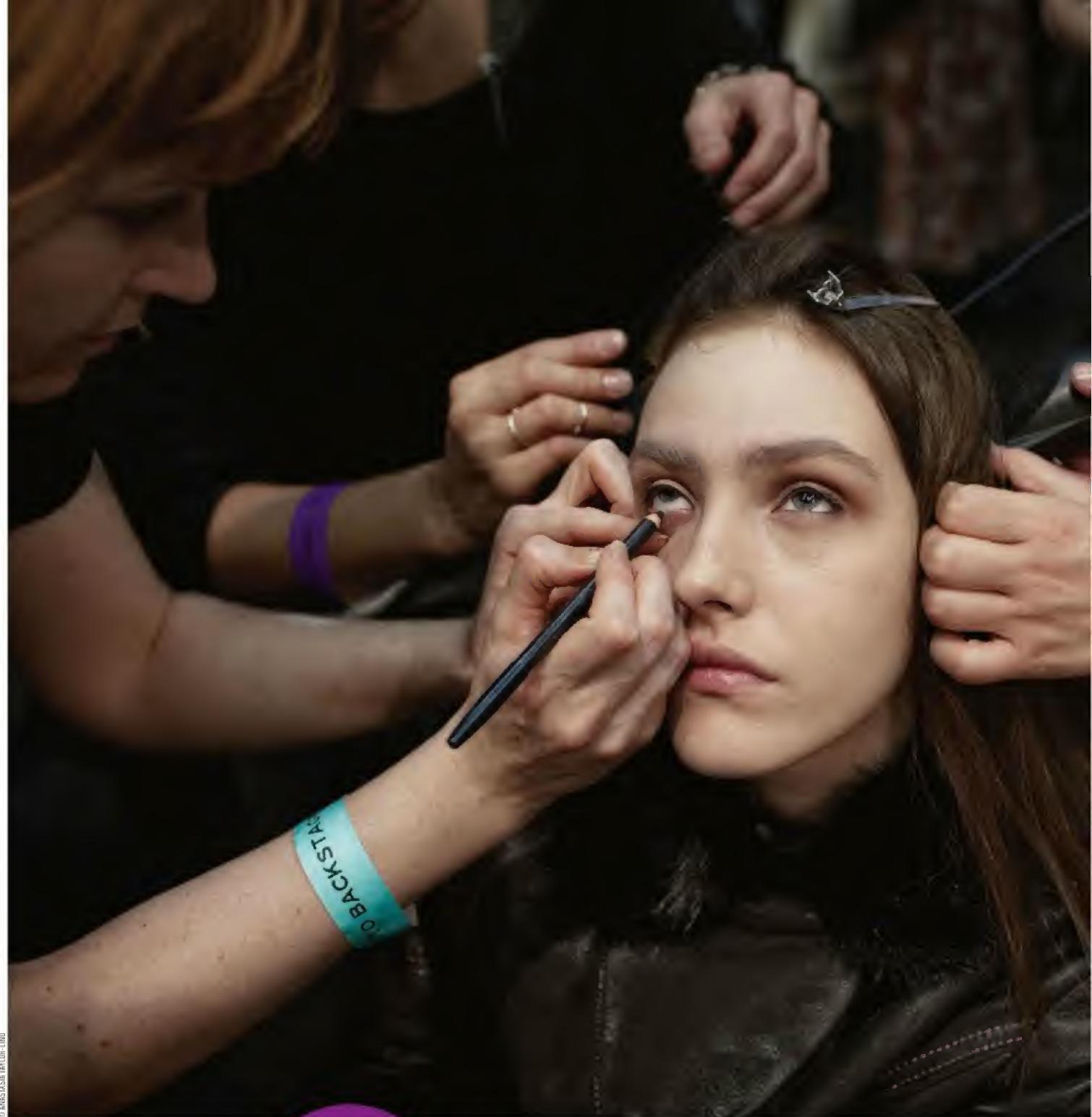
**RECENTLY**, the celebrated photographer Annie Leibovitz said that she believed the iPhone was the modern equivalent of the Box Brownie camera. There's no doubt that the iPhone – indeed any equivalent smartphone – is an incredible piece of technology, enabling us to take superb quality photographs, process them with downloadable apps, and share them in an instant. Yet to my mind it's the digital compact camera that is the 'Box Brownie' of our age.

During a recent clearout I came across a Nikon TWZoom85 compact from the early 1990s belonging to my wife. By the standards of today it could hardly be called 'compact' and it was certainly not pocket-sized. Back then, if we wanted something truly pocketable the only models available were the XA range from Olympus, Minox's GT range or, towards the end of the 1990s, the GR cameras from Ricoh. These were all excellent models capable of producing outstanding results but, with only fixed lenses, they were limited mainly to wideangle landscape or candid street photography.

Twenty years later and the changes in camera technology have been remarkable. Now, a digital compact camera can be little bigger than a cigarette packet, yet pack a punch that compacts of 20 years ago could only dream of. Something that slips comfortably into a jacket pocket can produce stunning panoramic landscapes at one end, through to almost super-telephoto shots of wildlife at the other. One only has to look at Panasonic's online gallery of images taken using its compacts to see what these little wonders are capable of.

What's more, on-board functions enable us to manipulate our images in ways that would not have been thought possible when my wife's old Nikon compact was around. More importantly, the quality of the resulting images – and the prints that can be made from them – are miles better than the cheaper 35mm compacts of old. My old Olympus XA produced incredible pictures – many of which were published – but equally, I recall the times I struggled to get sharp, or well-exposed images with cheaper, more basic 35mm compacts.

They say that the best camera is the one you have with you, and with the amazing capabilities of today's digital compacts, not to mention the fact that they truly are pocket-sized, that phrase is probably even more apt. With the recent appearance of 'smart-cameras', the digital compact has moved into another realm altogether, with a clever fusion of both smartphone and digital camera technology. There has never been a time when so much choice, technology and innovation has been available to us that can fit comfortably into a jacket pocket. Imaging technology is moving so rapidly one can only wonder at what the next year will bring.



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# PHOTO INSIGHT

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VII Agency photographer Anastasia Taylor-Lind takes a trip on the Trans-Siberian railway to meet the girls who are groomed to become tomorrow's most celebrated supermodels

**THE IDEA** for my series Siberian Supermodels had its genesis, as most photographic projects do, in one simple question: who are the most photographed women in the world? As my work largely focuses on women living and working within patriarchal societies, it was a question that I couldn't help but ask and feel compelled to explore. The first answer, and in many ways the most obvious, was models. These women (who are in reality often young girls) are on one hand instantly recognisable and occupy the covers of countless premier fashion publications and adorn the looming billboards that we see in every major city. But conversely these same women also find themselves stranded in an inescapable mode of anonymity. Even though we see them everywhere, we have no idea who these girls really are. They are utterly convincing actors.

The great thing about working in photography is that it cultivates the inquiring mind. If you have a question, you can grab your camera and find your answer. My question evolved and became 'Who are these girls?' The images that make up Siberian Supermodels are the answer.

The real quest began when a friend of mine contacted me to tell me that she had just watched a television interview with a famous model from Russia called Natalia Vodianova. In that interview Vodianova spoke of a mass migration of beautiful young Siberian women who travel to Novosibirsk, the capital of Siberia. It is their hope that they can then travel to Moscow and eventually find their fortune as an international model. Once I understood that, I knew where I had to be in order to understand the process of how supermodels from this region are born.



The key to the project lay with one agency: Noah Models International. They are the link between the highly respected international agencies abroad and the agencies that are local to the Siberian region. I contacted Noah Models via email and explained exactly what I wanted to do with the project. To their credit they were more than accommodating.

With Noah Models on board I was able to make contact with many of the local model agencies in the Siberian region. I was also able to travel with Noah Models along the 9,259-km Trans-Siberian railways and witness the auditions they set up.

The reason we are seeing so many more models coming out of Siberia and central Asia is that these regions are essentially untapped markets. Model scouts are going further and further afield to find their girls. But more than that, many Siberian girls

have a very distinct look, and it's a look that is highly appealing to international agencies, particularly those found in Japan. These girls are born in the area where Europe and Asia meet, a region that housed many of the ethnic groups who were forced into exile under Josef Stalin's regime. Over the years these communities lived side-by-side and inevitably intermingled. The result is a generation of girls who have large almond-shaped eyes, elfin ears, beautiful copper-coloured hair and snow-white skin.

Russia is a society that has very strongly defined gender roles. The culture dictates that men must be chivalrous and masculine and the women must be entirely feminine. It's with that mindset that girls are expected to go through a rite of passage and attend agency-run modelling schools from the age of five and up. While there, they'll learn how to walk, pose, diet and apply make-up.

**'The great thing about working in photography is that it cultivates the inquiring mind'**

The audition process for these models is where hopes and dreams are either fulfilled or swiftly crushed. The castings take place in drab community halls or gyms and each girl carries a prison-style board with her vital statistics – name, age, weight, height, bust, waist and hip measurements. Each girl must fit the strict international measurement parameters. This is because when it comes to the models taking part in fast-paced international shows the clothes can all be made to one size and will therefore fit any model that comes through the door.

Each girl approaches the panel in turn where they must demonstrate their walk, talk and pose. It's all over in a matter of seconds and in just that short amount of time the judges will decide whether to change these girls' lives or send them back to the life they so desperately want to escape from. Those girls who are identified as having potential are then photographed and videoed and the files are then sent to model agencies all over the world.

The model that you see in the image is called Nastya Karzan and she is one of the real success stories to come out of Siberia, despite being just 18-years-old at the time of this shoot. She's travelled to New York, London, Paris and Milan and modelled in five Christian Dior shows.

The photograph was taken in London Fashion Week and it was there that I saw just how exhausting a model's life can be. The models are whisked in, have the clothes fitted, have their hair and make-up applied in lightning speed and then are pushed out onto the catwalk. Once their role in the show is complete they run onto the metro and dash to the next fashion show or audition. Here we see Nastya having her hair and make-up undone from the previous show and then reapplied for the show she is about to walk into. You can see how many people are working on her at one time. Unfortunately, that means that models can get hurt by being poked in the eye with eyeliner, or having their hair pulled. It's all part of the course, unfortunately.

The motivation of the girls I met and photographed was the same as any young girl. They want to travel the world, to have new experiences and to live life in an exciting and engaging way. They have the spirit of adventure burning inside them. Modelling is their ticket, much in the same way that photography offered me a way to live a life of high adventure. I suppose that's the reason the lives of these girls resonate with me. I understand that desire to escape and experience the world. **AP**

**Anastasia Taylor-Lind was talking to  
Oliver Atwell**



### ANASTASIA TAYLOR-LIND

Anastasia Taylor-Lind is an English/Swedish documentary photographer who is a member of the VII Photo Agency. She is based in London and works for clients such as *GEO Germany*, *The Telegraph Magazine*, *the Observer Magazine*, *the Sunday Times Magazine*, *Marie Claire*, *ELLE France*, *Newsweek*, *Time* and the *New York Times*. Anastasia's work has been exhibited internationally and she has received a number of international photography awards. Anastasia has degrees from the University of Wales Newport and the London College of Communication.

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# Perfect sequences

A self-confessed 'action-addict', professional photographer **Ray Demski** talks to **Debbi Allen** about how he creates his exciting sequence shots

**WHEN** you think about action photography, most people think about freezing movement to capture the essence of a sport in a single frame. But what about multiple exposures? Modern digital cameras make it easier than ever to shoot a sequence of photos at a blisteringly fast rate. And that's where Ray Demski and his

**This volleyball sequence composites 11 frames of freeze-framed action into one amazing shot**

stunning sequential photos come in.

Born in a small town in the mountains of western Canada, Demski spent much of his childhood sailing around the world. At the age of 15 he moved with his family onto a 45-foot sailboat to begin a seven-year voyage. It was during this time that Demski discovered his passion for photography. Forty countries, and

a lot of learning later, he started a new adventure – a journey into photography.

'My interest started with travel photography as we encountered new places and cultures during our amazing voyage,' Demski explains. 'My dad also worked as a photographer for some time and he helped me out with tips and encouragement during the early stages.'

A life-long athlete himself and as well as being somewhat of an action addict, Demski focuses on shooting action, adventure sports and outdoor photography these days.



#### SETTING UP A SEQUENCE

Having worked for big-name brands including BMW, Red Bull, Adidas, *National Geographic*, *Men's Health* and many more, Demski is the person to talk to when it comes to sequence photography.

His photographs are vividly coloured and the crisp nature of the athlete within each of the frames is exquisite. The nature of the sports means that he rarely gets a second chance to take his photos, so he has to get it right, on time, every time. We asked Demski how he goes about preparing for a shoot. 'It really depends on the shot, but for most sequences I need to know what I hope to capture. Imagine where the action will happen and frame accordingly. Usually I will pre-focus, set my camera to the highest frame rate and be ready for the action to start!'

This technique means that Demski's kit is a vital part of his workflow, as his camera needs to be



Demski's work with Red Bull includes shooting at the XFighter events, like this one in Madrid



By using a fish-eye lens, Demski has been able to isolate his subject from the opposition



**'A fast frame rate is essential, depending on the speed of the sport, upwards of five frames per second is a good starting point'**

 able to keep up with his vision. For this, Demski mainly relies on his workhorse, a Nikon D3, and the entire Nikon lens range to back it up! I shoot a variety of cameras depending on the project, from a Nikon D3X or D800 right up to the Phase One IQ180. But for the sequence images here I shot mostly on the Nikon D3 with the entire Nikon lens range. A fast frame rate is essential, depending on the speed of the sport, upwards of five frames per second is a good starting point.'

His current kit bag is a long way from where he began his photographic journey. Back then he carried a little film point and shoot. 'Then for many of the years sailing I had a small Sony video camera that could take stills. My first DSLR was a Nikon D70, which at the time was a huge step for me.'

### A TRICKY BUSINESS

Even if your camera is able to shoot at 5 frames per second or faster, you still need more than just speed to be able to capture

images like Demski's. As a former athlete himself, Demski is able to understand the sports he shoots and know where the best position will be for himself and his camera to ensure he gets his shot. 'The hardest thing about achieving shots like this is capturing the action in the first place. Sometimes this can be access to a shooting position or picking the right framing without knowing 100% where the action will happen. It always helps to have good communication with the athlete and to know the sport,' he reveals.

Currently based in Munich, Germany, Demski edits his images in Photoshop once he is happy he has captured all the frames he needs, in order to create his fantastic composites. 'The images are shot with the camera in high-speed drive mode as normal single images. When I get back to the computer it's a matter of using Layers in Photoshop to blend the shots together to create the sequence.'

**Positioning yourself to make sure you can see the action the entire time is key**





Another Red Bull commission, this time featuring 18 stills of the same subject at various intervals



# BEHIND THE PICTURE

'THIS particular photograph was taken on Gran Canaria in the Canary Islands. It was part of a commission for Red Bull shooting an athlete named Björn Dunkerbeck,' explains Demski.

'I was shooting from some rocks just jutting out into the sea, which was a great vantage point to the action. My camera was set to 1/1000sec and f/5, I was using a 200mm lens with no flash on my Nikon D200 and I had a white balance of around 5,600K for sunlight. I took around seven frames to capture this series composite.'

'In post-production I simply composited the series together and then applied a little colour correction and sharpening.'

I have a bit of an affinity for water sports like this, having spent a lot of time on a boat. I also used to windsurf and kitesurf, and although I've been mostly focused on mountain sports lately I would also like to get back to some water sports shoots.'

### DO IT YOURSELF

 So what if you want to follow in Demski's footsteps and start taking some amazing sequence shots of your own. The pro's first bit of advice is key: 'Do a lot of experimenting, really get to know your gear and just get out there and shoot!'

Understanding your chosen sport or subject will give you better vantage points when it comes to getting the shot, so spend some time watching the skateboarders or divers. Speak to them and see if the athletes themselves have any tips – do they count in seconds to the big move? If so, you know when it will strike!

'For many action sports sequences especially at events, I only get one chance,' says Demski. And this is key. You need to have your camera set up and be ready to go, the second the action starts. If not before.

So, once you've chosen your subject, a local skateboard park, for instance, set up your tripod. You can shoot this type of photography handheld, but the post processing will be easier using a support.

Once you have set up your tripod, set your camera to its fastest continuous mode. Even if you only have 2.5fps, you can still achieve this effect. In fact, the quicker the burst rate the more images you will need to process!

You want as much of the frame in focus as possible as the subject will move through it, so go for somewhere around f/11, which will still allow you a fast shutter too.

Start shooting as soon as the subject comes into the frame and don't stop until they leave it. Remember, you do not want to

**Exercising his passion for watersports as well as for photography, this commission took Demski to Gran Canaria**

pan with the subject, but you want to keep the camera as still as possible to get the best results.

You now have all the source photos you need to take the images into Photoshop and start layering them. Keep each frame on a separate layer, using the Eraser tool to reveal your subject onto the layer beneath. You can also use the new Merge features to combine your images automatically.

### SUCCESSFUL SHOOTER

At the top of his game professionally, Demski shoots around the world on assignment for many prestigious clients. Simply type his name into Google and his image credits appear far and wide, especially when it comes to this type of photography.

But what makes Demski so successful? 'I love to get outside into nature, most of all I love going climbing,' he says of his passion for his work. 'I love outdoor sports, especially climbing, but in regards to sequence photography I've also had a lot of fun with cliff diving and volleyball.'

Currently trying his hand at moving images and experimenting with cinematography with his cameras, Demski says, 'I am constantly inspired by my peers, some of the advancement in outdoor photography in the last couple years is so exciting. But there is also nothing like sitting back and looking at some of the classic photographers and their work.'

To see more images from **Ray Demski**, visit his website at [www.raydemski.com](http://www.raydemski.com)

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# APOY 2013 Amateur Photographer OF THE YEAR COMPETITION

## The Animal Kingdom

We had some great entries for the third round of APOY 2013, as we reveal the top 30 photographs from our **Animal Kingdom** round

**Bruce Jones**, of Florida, USA is the winner of our Animal Kingdom round of APOY 2013. For his efforts Bruce will receive a Panasonic Lumix DMC-G5 plus a Lumix G Vario 100-300mm f/4-5.6 Mega OIS lens worth a total of £1,451.98. The GH3 is a compact system camera with a 16.05-million-pixel, four thirds, Live MOS sensor. It has a weather-resistant magnesium-alloy body, an extended sensitivity range of ISO 125-25,600 and a 1.744-million-dot EVF. The Lumix G Vario 100-300mm f/4-5.6 Mega OIS incorporates Panasonic's Mega OIS (Optical Image Stabilizer), which aids shooting in low-light conditions without a tripod by suppressing the blur caused by camera shake. Our second-placed entrant is **Asier Aristregui**, of Pamplona in Spain, who will receive a Panasonic Lumix DMC-FZ62 worth £373.99. This high-spec compact camera has a 14.1-million-pixel, high-sensitivity MOS sensor, 20x optical zoom Leica DC lens from 24mm ultra-wideangle (24-480mm in 35mm equivalent) and 50p full HD video recording. **Mikhail Kapychka**, of Belarus, finished third in the round and wins a Panasonic Lumix DMC-LZ20 worth £170.99. The LZ20 bridge camera features a powerful 25mm ultra-wideangle 21x optical zoom that covers a range of 25-525mm (35mm equivalent). The LZ20 features a 3in, 460,000-dot LCD plus iA (Intelligent Auto) mode for easy operation.

## THE 2013 LEADER BOARD

The end of Round 3's judging sees some shifts in the leader board. **Mikhail Kapychka** has swept into the number 1 position with 84 points. **Gary Burrows** has moved up to position number 2 meaning that **Adrian Sadlier** has moved down to third place.

1	<b>Mikhail Kapychka</b>	84pts	6	<b>Dan Deakin</b>	67pts
2	<b>Gary Burrows</b>	82pts	7	<b>Aaron Yeoman</b>	67pts
3	<b>Adrian Sadlier</b>	80pts	7	<b>Dusica Paripovic</b>	66pts
4	<b>Julian Fraser</b>	74pts	9	<b>Mark Whitmore</b>	64pts
5	<b>Andrew Faulk</b>	70pts	10	<b>Bec Wolf</b>	62pts



**Bruce Jones**

**Florida 45pts**

Olympus E-600, 35mm f/3.5 macro, 1/20sec at f/5.6, ISO 400

♦ **Wasps** Judges say Faced with such a strong round it was difficult for the judges to pick an overall winner. However, Bruce Jones' image of wasps guarding their nest outside Bruce's home was a real standout. It's a genuinely great image.



**Asier Aristregui**

**Spain 44pts**

Canon EOS 550D, 50mm, 1/250sec at f/1.8, ISO 100

♦ **'Stone's Throw'** Judges say Asier's lovely image really grabbed the judges' attention. The look of anticipation on the dog's face as she waits for her owner to throw a stone is captivating



The UK's most prestigious competition for amateur photographers



3rd  
PRIZE



**Mikhail Kapychka Belarus 43pts**

Nikon D60, 200mm, 1/125sec  
at f/4, ISO 100

◆ 'Cat on a Balcony'. Judges say This is a great shot from Mikhail. The cat peering round the balcony, watching the people go by on the street below is a playful element that really won the judges over. The use of space on the right really leads the eye



# The UK's most prestigious competition for amateur photographers

## 4 **Jacqui Jay Grafton** Nottinghamshire **42pts**

Nikon D800, 300mm, 1/50sec at f/5.6, ISO 160  
'Reed Warbler in the Wind' Judges say This beautiful image benefits from vivid colours and a shallow depth of field



5

## 5 **Philip Kirk** Nottinghamshire **41pts**

Canon EOS 7D, 500mm, 1/160sec at f/4, ISO 400  
'Kingfisher Confrontation' Judges say Philip's dramatic shot was taken after hours of waiting patiently at his local nature reserve



6

## 6 **Dusica Paripovic** Bosnia and Herzegovina **40pts**

Nikon D5000, Nikkor 18-55mm, 1/200sec at f/4.5, ISO 200  
'Motherhood' Judges say This shot features a mother in the background and her cub in the foreground



7

## 7 **Frederic Vaeermans** Essex **39pts**

Olympus OM-D E-M5, 9mm, 1/4000sec at f/8, ISO 200  
'Sea lion' Judges say Frederic's image was taken in the sea lion aquarium in Colchester Zoo. The silhouette is a very impressive feature



8

## 8 **Bill McKenzie** Clackmannanshire **38pts**

Canon EOS 5D Mark II, 70-200mm, 1/50sec at f/8, ISO 50  
'Who are you?' Judges say There's something comically eerie about this image of five sheep staring into the camera lens



9

## 9 **Garry Burrows** North Yorkshire **37pts**

Sony Alpha 390, 24-105mm, 1/80sec at f/8, ISO 100  
'In the Doghouse' Judges say This image is actually a composite of two shots: one of the dog and another of the broken window



10

## 10 **Andrew Faulk** USA **36pts**

Canon EOS 600D, 55mm, 1/100sec at f/5.6, ISO 800  
'Macaque' Judges say The portrait of a contemplative macaque was taken in Padangtegal, Indonesia, on the island of Bali



11

## 11 **James Eldridge** Kent **35pts**

Nikon D700, 90mm macro, 1/500sec at f/4.5, ISO 800  
'Spider' Judges say James' image of a spider is genuinely creepy. The light adds real atmosphere, particularly in the way it reveals the arachnid's translucent legs



12

## 12 **Sean Slevin** Ireland **35pts**

Canon EOS 5D Mark II, 100-400mm, 1/100sec at f/5.6, ISO 800  
'Black macaque huddle' Judges say Sean watched these macaque go about their day for a long while before they came together to shield themselves from the chilly air



13

## 13 **Alex Harford** Staffordshire **34pts**

Canon PowerShot G1 X, 1/320sec at f/5.6, ISO 100  
'Fox' Judges say Alex's image of a yawning fox was taken at the British Wildlife Centre in Surrey



14

## 14 **Joe Higney** Glasgow **33pts**

Nikon D300, 70-300mm, 1/160sec at f/16, ISO 200  
'Puffin' Judges say We see many images of puffins but this one from Joe Higney is notable for the perfect exposure and pose of the seabird



15

## 15 **Barbara Gortat** Poland **32pts**

Nikon D60, 28-105mm, 1/250sec at f/8, ISO 100  
'Walking the Line' Judges say This is a really fascinating image from Barbara. We often see close-up images of insects but here we have something very different



16

## 16 **Andrew Mogford** West Yorkshire **31pts**

Panasonic Lumix DMC-T23, 7.8mm, 1/400mm at f4.2, ISO 100  
'Three sheep' Judges say There are many elements that make this image a success: the positions of the sheep, the vapour trails, the telegraph poles and particularly the light and use of black & white

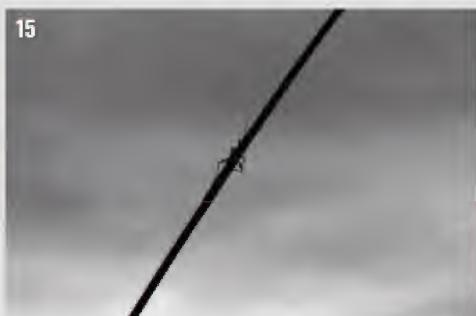


12



13





# The UK's most prestigious competition for amateur photographers

## 17 David Gibbon Durham

Canon EOS 1DX, 100mm, 1/500sec at f/2.8, ISO 1250

'Thirsty Fox' Judges say David took this shot after spotting a thirsty fox at his local nature reserve. The reflection adds depth

**31pts**



## 18 Neil Davies Merseyside

Sony NEX-7, 50mm, 1/100sec at f/3.5, ISO 100

'Ladybird' Judges say Neil saw this scene of a ladybird crawling up the leaf of an oriental lily and couldn't help but photograph it

**30pts**

## 19 David Hall Essex

**29pts**

Olympus E-5, 300mm, 1/1000sec at f/4, ISO 400

'Feed Me!' Judges say Like Philip Kirks' image pages 28-29, this image benefits from a sense of action and drama

## 20 Adrian Maltby Cambridgeshire

**28pts**

Sony Alpha 550, 90mm macro and Teleplus 1.5 converter, 1/160sec and f/11, ISO 200

'Feeding Time' Judges say Adrian caught this image while experimenting with his camera flash and Teleplus 1.5x converter

## 21 Aaron Yeoman Hertfordshire

**27pts**

Sony A700, 17-50mm, 1/1250sec at f/6.3, ISO 200

'Hungry Horace' Judges say Aaron's image of a squawking herring gull in Whitby, North Yorkshire, is fantastic

## 22 Jarod Hargreaves London

**27pts**

Olympus Pen E-P3, 25mm, 1/50sec at f/1.4, ISO 1600

'Celebes' Judges say Jarod has captured a beautiful portrait of a Celebes crested macaque mother and child, taken at Chester Zoo

## 23 Inger-Lise Zamata Norway

**27pts**

Sony Alpha 55, 100mm, 1/250 sec at f/7.1, ISO 400

'Fun in the Sun' Judges say Inger-Lise must have had a keen eye to spot the amorous shenanigans of these two insects

## 24 David Meredith Leamington Spa

**26pts**

Sony Alpha 700, 18-200mm, 1/60sec at f/5.6, ISO 800

'Jellyfish' Judges say David's image is genuinely unusual. The background serves to emphasise the subject and reveal the shapes

## 25 Neil MacGregor Glasgow

**25pts**

Nikon D3S, 200-400mm, 1/4000 at f/4, ISO 1000

'Red Squirrel Leaping' Judges say Neil has waited for just the right moment to capture this red squirrel in mid-air

## 26 Nino Cannizzaro Italy

**24pts**

Canon EOS 7D, 24-70mm, 1/160sec at f/2.8, ISO 400

'Spider' Judges say The effect in the background was created by the out-of-focus leaves. It's a winning element in a great image

## 27 Malcolm Watson Surrey

**24pts**

Nikon D90, 18-105mm, 1/160sec at f/5.6, ISO 200

'Bird in the Grass' Judges say The bird in the grass is almost camouflaged. The colours, rather than clashing, work well here

## 28 Stuart Meikle Tyne & Wear

**23pts**

Pentax K10D, 70mm, 1/100sec at f/3.5, ISO 800

'Behind bars' Judges say This image of a monkey waiting to be sold was taken at Sapa market in Vietnam.

## 29 Luis Portelles Canada

**22pts**

Sony Alpha 57, 160mm, 1/1600sec at f/5.6, ISO 1000

'Butterfly' Judges say This shot was taken at a green house where butterflies from different parts of the world fly free

## 30 George Griffin London

**21pts**

Panasonic Lumix FZ45, 1/320sec at f/5.6, ISO 80

'Heron' Judges say George's image shows a heron atop a birdhouse in St James' Park





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# The winning landscape

As Landscape Photographer of the Year turns seven, founder **Charlie Waite** reveals to **Jon Stapley** what makes a great landscape – and we catch up with previous winners

**A CHANCE** to see your work exhibited at the National Theatre. Inclusion in a prestigious book. A grand prize of £10,000. With all that up for grabs, it's easy to see why Take a View's Landscape Photographer of the Year competition, sponsored by National Rail, is preparing to screen the entries of

thousands of hopefuls for the seventh time.

Founder Charlie Waite has been at the heart of the competition since its début in 2006. An avid landscape photographer of many years' experience, Waite says he never tires of watching the effect



**'Your View'**  
Winner 2012  
**David Baker**  
'The New Forest'

**THE 'YOUR' View' category** is the loosest in the competition – the website assures that 'pretty much anything goes, as long as it is in the UK and outdoors'. In 2012 David Baker won for a dawn image taken in the New Forest with a Canon EOS 5D Mark II. Baker also earned a Judge's Choice from AP editor Damien Demolder.

Baker says he especially loves how the dawn mist filters through the trees and softens the light in this image. 'It's like a giant softbox!' he says.

Visit David Baker's website at [www.milouvision.com](http://www.milouvision.com)

### Landscape Photographer of the Year 2012 Simon Butterworth 'Condemned'

**THIS** image of a pre-war tenement block earned classical musician Simon Butterworth the title of Landscape Photographer of the Year 2012, as well as a grand prize of £10,000.

Butterworth took his image with a Canon EOS-1Ds Mark III and a 400mm lens, and he says

the long focal length was key to conveying the cramped nature of tenement life.

'I took some shots down at street level, but they looked very much like a traditional urban photograph,' he says. '[The 400mm lens] gave it exactly what I was looking for – lots of little windows crammed together.'

Butterworth has a few words of advice for AP readers considering entering the competition. 'I would say enter what you're interested in, rather than what you feel is going to win,' he says. 'I was really chuffed when this shot won, because I thought maybe it'll make people feel they can follow their noses a little bit.'

Visit Simon Butterworth's website at [www.simonbutterworthphotography.com](http://www.simonbutterworthphotography.com)



© SIMON BUTTERWORTH

**‘You see all these people absolutely mesmerised,’ he says.**

**‘They stand in front of these images saying, “Gosh, it looks just like a painting!” or “Bloody hell, that’s Sussex! I only live three miles from there, I’ve never seen it look like that!” I get an enormous amount of joy from it.’**

#### BEGINNINGS AND DEVELOPMENT

A keen landscape photographer since the late 1970s, Waite says the idea for a way for landscape photographers to connect had long been nestling at the back of his brain.

'Photography draws you closer, it engages you more profoundly with the landscape,' he says. 'So I thought it would be nice if everybody who does landscape photography could have this kind of portal. I thought it would galvanise people.'

The idea didn't get into motion until 2006, when Waite was able to secure an exhibition at the National Theatre through then-manager and personal acquaintance John Langley. With the space booked before the first entries had even come in, pressure was on from the start for the competition to deliver.

'I think that the first one was a bit scary,' says Waite. 'And it's been quite a bumpy ride for all sorts of reasons, one of which is more recent [see *The 2012 Controversy* on page 36]. But overall it's given people a wonderful opportunity to celebrate the British landscape.'

### ‘Classic View’ Winner 2012 Simon Park 'The Wave'

**SIMON PARK** won in the 'Classic View' category, for which entrants must show the 'beauty and variety' of the UK landscape. Park says his dramatic image, taken with a Nikon D3 on the Isle of Man seafront, was down to preparation, patience and a little luck.

'It was one of those instances when you know something's going to happen,' he says. 'I happened to be lucky – or experienced – enough to have the camera framed right, with the settings correct. I had looked down momentarily when I heard this thunderclap sound. I tripped the shutter, and what I got was quite spectacular.'

Park's advice? Keep on shooting. 'If you get out there enough times, eventually you're going to get that special image,' he says.

Visit Simon Park's website at [www.simonparkphotography.co.uk](http://www.simonparkphotography.co.uk)



This beautiful shot of a field of heather at dawn won photographer Graham McPherson a commendation in the Classic View category

© G. McPherson



© Simon Park

**'The four categories – Classic View, Living the View, Your View and Urban View – are designed to be open to interpretation and creativity'**

For Waite, the key aim of the competition was accessibility. 'I didn't want it to just be the province of semi-professionals, and it hasn't been,' he says. 'It's been something that the plumber, and the hotelier, and the motorbike courier and the taxicab driver has been able to engage in and come through on.'

As Waite points out, these are exactly the kind of photographers who may have a brilliant landscape tucked away somewhere that they simply haven't had the nerve to show anyone.

'One of the biggest problems is people make images and they sit on a hard drive. You meet people at the exhibition who say: "Do you know, I nearly didn't enter! And now it's up on the wall, and I'm in the book!" That remains the pleasure. It's still there.'

The four core categories of the competition – Classic View, Living the View, Your View and Urban View – are designed to be open

# THE 2012 CONTROVERSY

© DAVID BYRNE

**NOT ALL** publicity is good publicity, and LPOTY hit the headlines in an unfortunate way last year when judges ruled that initial winner David Byrne had used too much manipulation on his entered image.

'I suppose the tragedy is that he was sort

of innocent,' Charlie Waite says. 'He was being creative, and I didn't want to penalise him for being creative, but the fellow didn't read the rules.'

Consequently, the judging process now has extra time allotted for deliberation before an

image reaches the final stages. Judges can also now request contestants' raw files if necessary.

'You can't be too prescriptive,' Waite says. 'But it's actually quite a difficult medium to lay down laws about. Restraint, integrity and modesty – I think that's the key.'

**'It's important to remember that landscape photography is a broad church'**

## Young Landscape Photographer of the Year 2012 Stephen Colbrook 'Man in the Fog'

**BUDDING** photographers under 17 years of age can enter in the 'youth' section of LPOTY, and frequently produce images just as striking as those of their elders. So it is with Stephen Colbrook, whose haunting image of a lone figure in Oxford, taken with a Canon EOS 450D, saw him win the award in 2012.

'The main challenge involved balancing the exposure so the street lights were not too overblown,' Colbrook says.

Even though Colbrook has been taking landscapes for more than three years, he still describes his reaction to his victory as 'total shock': 'I really did not expect to win!'

Visit Stephen Colbrook's website at [www.scolbrookphotography.co.uk](http://www.scolbrookphotography.co.uk)



to interpretation and creativity. However, Waite thinks what little guidance they provide is vital.

'I think one has to offer an opportunity for the individual photographer to find a home within the competition,' Waite says. 'It helps people to – excuse the pun – focus. If a photographer says, "I'm not good with big landscapes, I find them too overwhelming – I'm rather better in an urban setting" then he can enter that category. It's important to remember that landscape photography is a broad church.'

### WORDS OF WISDOM

For AP readers thinking of taking their first plunge into LPOTY waters this year, Waite offers his take on what makes a great landscape photograph.

'I think it's evidence within the image of investment. If the viewer of an image can get 60 or 70% of the reward and the enrichment that the photographer got, then the photographer has achieved brilliantly in conveying his own response at that moment.'

Waite's main concern, however, is that a landscape photographer shows passion for their craft. 'Absolutely delve into, commit totally to, and love that image,' he says. 'Remember that it's powerful, and it isn't just a photograph. It's so much more.'

The closing date for entries is July 4 2013. For details visit [www.take-a-view.co.uk](http://www.take-a-view.co.uk)

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# Che Guevara, 1963

## by René Burri

**René Burri's** famous portrait captures a defiant Guevara in the aftermath of the Cuban Missile Crisis, writes **David Clark**

**ON 31 DECEMBER** 1962, the Swiss photojournalist René Burri was sitting down to a New Year's Eve dinner with his family when the phone rang. The caller was from the Magnum agency. Burri was told that he had to pack his bags immediately for an assignment in Cuba. Two days later he arrived in the capital, Havana.

Cuba had been a focus of world attention since the revolutionary communist Fidel Castro became the country's Prime Minister in 1959. He took control with popular support after ousting the American-backed military dictator Fulgencio Batista. The growing tension between Cuba and the USA intensified in October 1962 when Soviet nuclear-armed ballistic missile sites were placed on the island.

This 13-day stand-off, known as the Cuban Missile Crisis, brought the USA and the Soviet Union to the brink of nuclear war.

When Castro and his second-in-command, Ernesto 'Che' Guevara, were at the United Nations Headquarters in New York negotiating to end the crisis, Look magazine journalist Laura Bergquist requested an interview with Guevara. He

replied that if she could get permission from the CIA or the Pentagon, she could visit Cuba and see what the country had achieved since the revolution.

The *Look* article was to be an exclusive and detailed insight into the realities of the Cuban regime – the first of its kind since the Missile Crisis. Burri's role was to work alongside Bergquist, photographing major politicians and artists and documenting everyday life in the country.

Burri, then aged 29, was a talented and experienced photojournalist. Since becoming an associate member of Magnum in 1956, he had travelled widely, reporting from countries such as Germany, Egypt, Argentina and Brazil. His Swiss passport and the implied political neutrality of its holder made Burri the ideal choice for the Cuban assignment.

A week after Burri's arrival he was joined by Bergquist and they went to the Hotel Riviera in Havana, where Guevara had his office on the eighth floor. At 34, he was Castro's second-in-command, the Minister for Industry and the director of Cuba's national bank. He was an articulate



**Left: A young René Burri (date unknown)**



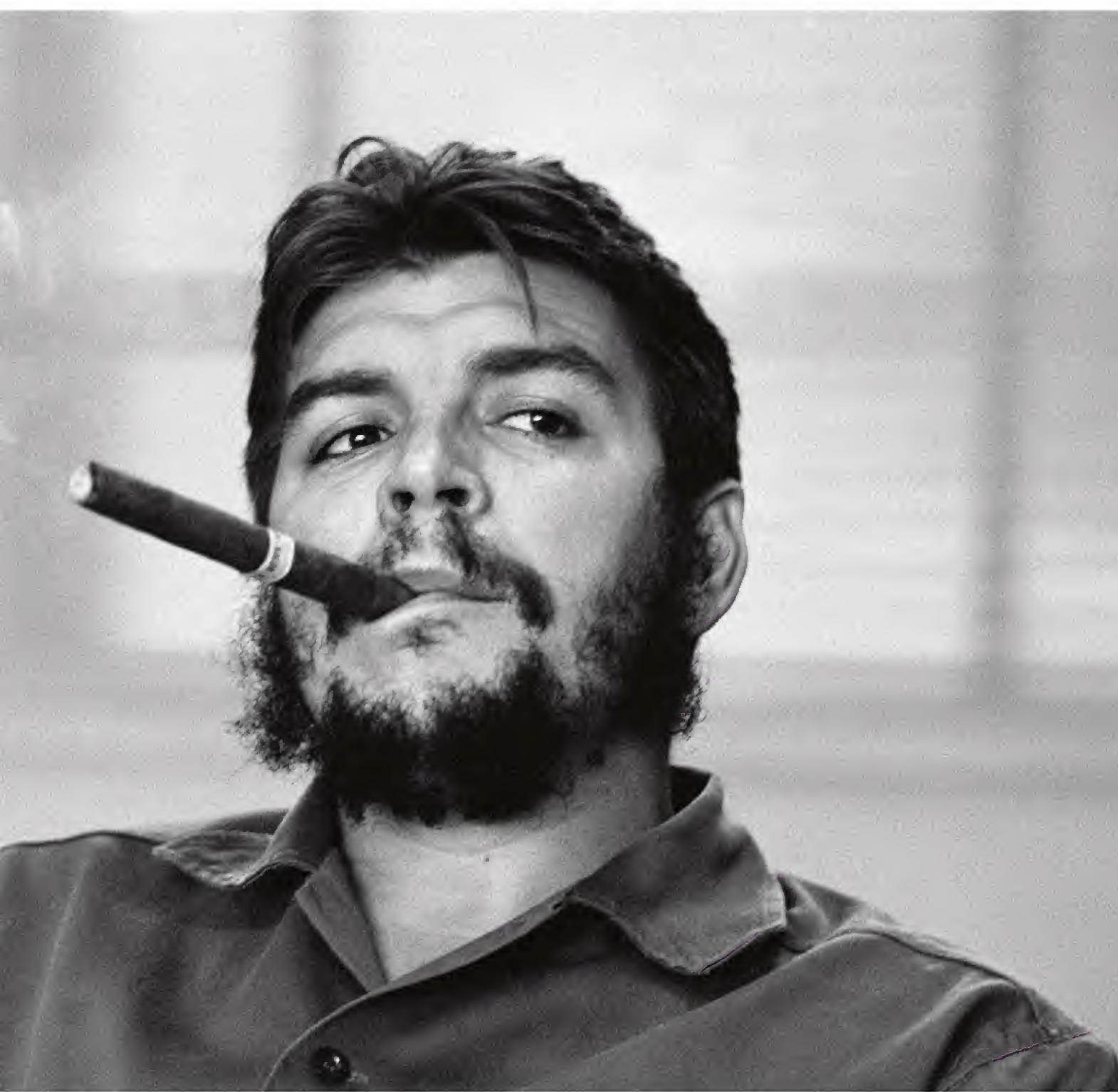
© RENÉ BURRI / MAGNUM PHOTOS

and charismatic spokesman for the Cuban regime and a fierce critic of capitalism; many on the political left regarded him as an international figurehead for socialist ideals.

Guevara greeted them in his military

# Amateur Photographer's... ICONS OF PHOTOGRAPHY

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uniform. 'He was like a caged tiger in that office,' Burri recalled in an interview with AP in 2006. 'When we arrived, all the blinds were drawn and I said, "Che, can I open the blinds to let a little light in?" but he refused. I thought

to myself, "Well, it's your face, not mine," and had to change my technique a bit.'

As the interview began, Burri started shooting pictures with his Leica. Soon Guevara and Bergquist were involved in a

**Ernesto 'Che'  
Guevara, Cuba,  
January 1963**

heated ideological argument. 'She had to take back a story for the Americans, who were still angry about the revolution, and he was trying to convince her that what happened had to happen,'



Burri's contact sheet shows two selected images highlighted in red

© RENÉ BURRI / MAGNUM PHOTOS

Burri told *The Guardian* in 2010.

'For two and a half hours I could just dance around them with my camera. It was an incredible opportunity to shoot Che in all kinds of situations: smiling, furious, from the back, from the front. I used up eight rolls of film. He didn't look at me once, he was so engaged with trying to convince her with maps and graphs.'

Burri made the most of this unique opportunity and captured the most extensive and personal sequence of portraits of Guevara ever made. The frequently changing backgrounds show that Burri didn't shoot from one position for long. In many of the pictures Guevara is holding, lighting or smoking a Havana cigar, and one of those images has become the definitive picture from that session.

In the picture, Guevara seems to be listening to Bergquist's argument and he is looking at her with his head tilted slightly backwards and the cigar slightly upturned, from which a thin trail of smoke is emerging. At that moment, Burri was shooting with the closed blinds forming a simple and uncluttered background. Guevara looks confident, even imperious.

After the interview, Burri remained on Cuba exploring different aspects of national life, staying on the island for a total of 23

days. It wasn't until he returned to Magnum's New York office and reviewed his work on the contact sheets that he saw that one particular picture of Guevara stood out.

However, its significance wasn't immediately appreciated. When Bergquist's feature, titled *My 28 Days in Communist Cuba*, was published in the 9 April 1963 issue of *Look*, the Guevara portrait was not given great prominence among the 22 images used. It was cropped to a square shape and shown at less than a quarter-page in size.

The portrait, like Alberto Korda's famous 1960 image of Guevara, only achieved fame after his death; he was executed four years later while trying to foment revolution in Bolivia. Burri's image of Guevara appeared countless times on posters, magazine covers, postcards and various items of merchandise including T-shirts. Burri was philosophical about the endless appropriation of his photograph.

'I don't even dream of sending lawyers after them,' he told AP. 'Even I myself buy those T-shirts for my children when I'm in Havana, telling the shopkeepers lamely that it's my picture. After all, Che was both the most hated and the most revered rebel of the 20th century. He doesn't belong to me.'

## Events of 1963

### March 22

The Beatles' first album, *Please Please Me*, is released. It doesn't reach No. 1 in the UK album chart until May, but afterwards remains there for 30 weeks

### March 27

Dr Richard Beeching publishes his report on the future of British railways, calling for huge cuts in the British rail network

### April 15

In the annual march against nuclear weapons from Aldermaston to London, 70,000 protestors arrive in London

### June 11

President John F Kennedy delivers his historic Civil Rights Address, in which he promises a Civil Rights Bill for the United States

### August 8

The 'Great Train Robbery' takes place in Buckinghamshire. More than £2,600,000 is stolen and most of it is never recovered

### August 28

During the 'March on Washington for Jobs and Freedom', Martin Luther King, Jr delivers his famous 'I Have a Dream' speech to a crowd numbering over 250,000

### October 19

Alec Douglas-Home takes over from Harold Macmillan as British Prime Minister, who resigned due to ill-health following the Profumo Scandal

### November 22

Assassination of John F Kennedy in Dallas, Texas. Lyndon B Johnson is sworn in as the 36th US President

### BOOKS AND WEBSITES

**Books** René Burri: *Photographs* (2007), edited by Hans-Michael Koetzle and published by Phaidon, remains the best career retrospective currently available. A new book of Burri's colour work, *Impossible Reminiscences*, has recently been published.

**Websites** More of Burri's Che Guevara photographs can be seen on the Magnum website, [www.magnumphotos.com](http://www.magnumphotos.com). There are interviews with Burri on [phaidon.com](http://phaidon.com) and [www.youtube.com](http://www.youtube.com).



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### Fixers, etc.

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AP32

SIX OF THE BEST

# AP Testbench

Twice a month we test of six of the best **accessories** on the market. Here we take a look at studio flash kits

## Entry-level flash kits

**Callum McInerney-Riley** tests budget studio kits for under £500, ideal for small spaces and home studios

### Elinchrom D-Lite RX One Umbrella Kit

£375

[www.elinchrom.com](http://www.elinchrom.com)

The D-Lite RX One Kit is Elinchrom's entry-level studio set. It includes two Elinchrom D-Lite RX One Heads, two light stands, one 85cm white umbrella, one 85cm translucent umbrella, two carry cases, two 16cm reflectors and a Skyport transmitter. Alternatively, a softbox kit is available for around £425.

With a power of only 100W/s, the D-Lites have the lowest output of any lights on test, although they still deliver around twice the equivalent power of most hotshoe flashguns. The kit is lightweight, compact and build quality is high. Combined with the supplied carrying case, the D-Lites are the most portable lights in this test. The included Skyport transmitter allows wireless flash triggering. Full lighting adjustment control from a PC, Mac, iPhone, iPad or iPod touch is possible with an additional Wi-Fi Module and app. The Wi-Fi Module costs £174.

**Amateur Photographer**  
★★★★★



**Amateur Photographer**  
★★★★★

### Lastolite Lumen 8 Kit

£475

[www.lastolite.com](http://www.lastolite.com)

Better known for its reflectors, softboxes and backgrounds, Lastolite also offers an affordable high-powered studio set-up, the Lastolite Lumen8 F400 Kit. The set includes two 400W/s heads, two air-dampened stands, two 18.5cm reflectors, a carry case, two sync cables and two black/white PVC umbrellas with optional 60x60cm softbox. The umbrellas are of exceptional quality, small and specifically designed to bounce light backwards. The heads are identical in shape to the Bowens Gemini 200, though the Lumen 8 doesn't offer the same high build quality – when tightened the tilt adjustment handle tends to catch the bottom of the light. However, the Lastolite Lumen 8 does kick out an impressive 400W/s of power. There's also an optional wireless trigger for £44.99.



**Amateur Photographer**  
★★★★★

### Elemental Trinity Nano Triple 200 Kit

£449

[www.studio-flash.com](http://www.studio-flash.com)

The Trinity Nano Triple 200 Kit is an entry-level lighting kit and includes three Trinity Nano 200Ws heads, two Spill Kill reflectors, three sync cables, three air-dampened stands, one 40in black and silver reflective umbrella, along with a 40in white shoot-through umbrella. Its softbox measures 50 x 70cm, and there's one Reemix 1 transmitter and receiver, a carry case and a 80cm 5-in-1 reflector. With its three heads and huge number of included light modifiers, this kit enables maximum control over the lighting situation. Interestingly, the included Reemix receiver and transceiver is multifunctional and can be used in conjunction with hotshoe-mounted flashguns. A side pouch for power cables is a nice touch on the sturdy carrying case. This is the most comprehensive kit here.

## FORTHCOMING TESTS

In the next few weeks AP hopes to run the following equipment through the most rigorous testing procedures in the industry...

## Panasonic Lumix DMC-GF6

The latest version of the company's entry-level CSC, with a 16-million-pixel sensor, tilt screen, Wi-Fi and extra controls.

AP 1 June

Canon EOS 6D  
Panasonic Lumix DMC-G6

This 16.05-million-pixel micro four thirds camera gets the AP test.

AP 15 June

## Leica M

It costs more than £5,000 but is this 24-million-pixel digital rangefinder really worth its asking price?

AP 29 June

TESTBENCH:  
SIX OF THE BEST  
We round up six of the best 9 and 10 stop ND filters for our two-page test.

AP 22 February



## Bowens Gemini 200/200 RX Kit £549 (Original version: £399)

[www.bowensdirect.com/](http://www.bowensdirect.com/)

Bowens' Gemini 200/200 heads have a proportionate modelling light, auto power dump and a stepless 5-stop power range. The 200/200 Kit costs £349 and includes two Gemini 200 heads, two light stands, two silver/white 92cm umbrellas, two 120° wideangle reflectors, a canvas carrying case and a sync lead. The 200/200RX kit is the same, but uses two 200RX heads and includes the excellent Pulsar wireless trigger system, though it is more expensive. The entire kit in the bag weighs around 14.5kg, which is very heavy.

The optional Bowens Travelpak battery costs £149.99 but makes the 200/200 great for location work. What the Gemini 200RX lacks in specification compared with some rivals it makes up for in build quality, finish and attention to detail.



## Interfit EX150 MKIII Twin Head Kit

£279

[www.interfitphotographic.com](http://www.interfitphotographic.com)

The MKIII version of the Interfit EX150 head has better cooling than its predecessors. This is achieved by a newly designed outer casing, which is said to increase airflow over the capacitor inside the unit. Claimed improvements also include changes made to the electronics. The kit itself includes two 150w/s heads, two air-dampened stands, a 60cm x 60cm softbox, one translucent umbrella and an educational DVD. The EX150 MKIII sports Interfit's EX bayonet fitting, which is compatible with Elinchrom light modifying accessories. No carrying case or wireless trigger is included, but with a street price of £279 this kit is the cheapest here. The MKII version can be picked up for £250. Overall, the Interfit Kit is a fantastic studio solution for those on a tight budget.



## Lencarta SmartFlash 600 Lighting Kit

£489.99

[www.lencarta.com](http://www.lencarta.com)

Lencarta offers a large range of studio kits to suit beginners, intermediates and professionals. Although the name might imply that the heads in this kit deliver 600w/s of power apiece, the Lencarta SmartFlash 600 Lighting Kit comprises three 200w/s lights, giving 600w/s of power in total. Also included are three air-dampened stands, two 60cm x 60cm Chiaro softboxes, a 100cm Pro White Reflective Umbrella, three sync leads and one standard reflector. No carry case or wireless trigger is included in the kit but Lencarta plans to offer optional extras to suit buyers' specific needs. Lencarta's own Wavesync Trigger, priced at £39.99, is a recommended buy. The head is simple and easy to use with a stepless dial to control power range and a well-placed handle to help manoeuvre the head.

	Elinchrom D-Lite RX One Umbrella Kit	Bowens Gemini 200/200 Kit	Interfit EX150 MKIII Twin Head Kit	Lastolite Lumen B Kit	Elemental Trinity Nano Triple 200 Kit	Lencarta SmartFlash 600 Lighting Kit
Number Of Heads	2	2	2	2	3	3
Energy (Ws/J)	100w	200w	150w	400w	200w	200w
Recycling Time	0.44-1.5 Seconds	0.7 seconds	1.5	0.4 - 1.6 sec	0.2-1	0.2 - 1
Flash Duration	1/1450	1/1200 approx	1/700 - 1/1700 sec	1/800s - 1/1200s	1/1800th second	
Wireless Trigger	Yes	Yes	No	No	Yes	No
Colour Temperature	5500	5600 +/- 300k	5600 +/- 300k	5300 - 5600k	5600K +/- 100	5200-5500K
Weight of head	0.9 kg	2.5Kg	1.23kg	2.5kg		

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Saturday 6 April 2013

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The ultimate lightweight camera? Fast lens, fast AF, super resolution



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HANDS-ON REVIEW

## CANON EOS 100D

New 18MP digital SLR: Smallest and lightest ever

### EXHIBITIONS



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ON TEST

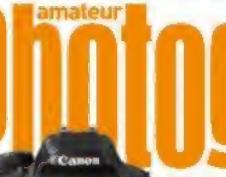
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# FUJI X10

● 16MP X-Trans sensor



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Saturday 6 April 2013

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ON TEST



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# Canon EOS 100D

It may be the smallest and lightest DSLR currently in production, but does the **18-million-pixel** Canon EOS 100D have what it takes to meet the demands of the enthusiast photographer?

**Richard Sibley**  
Technical editor

**WITH** increasing numbers of potential DSLR owners now opting for compact system cameras, many manufacturers are now rationalising their DSLR range rather than expanding it. With Canon's EOS M being one of the newest compact system cameras on the market, it is perhaps surprising that the company has now unveiled the EOS 100D, said to be the lightest DSLR available with an APS-C sensor. Surely this compact DSLR will cannibalise sales of the EOS M?

Having spent some time with the EOS 100D, things start to make sense. Photographers will often say they want the image quality and handling of a DSLR, but not the size and weight. At first glance, a CSC is the obvious answer, but the two types of camera are not quite the same beast. A CSC can handle very differently to a DSLR, while features like focusing can be slightly compromised.

With the EOS 100D, Canon has worked within the limitations of the EOS system to pack as much of the SLR mechanism – the mirror box, prism and shutter – into the smallest body it can, without compromising handling. The result is a DSLR that is arguably the smallest we have seen, with the possible exception of the Olympus E-420, which uses a smaller four thirds sensor. The

## AT A GLANCE

- 18-million-pixel, APS-C-sized CMOS sensor
- DIGIC 5 processor
- ISO 100-6400 (expandable to ISO 25,600)
- 4fps shooting rate
- 3.2in, 1.04-million-dot touchscreen LCD
- Street price around £570 (body only)

EOS 100D is certainly an impressive feat of engineering, but to be a success it must be straightforward to use and have image quality to justify the price.

## FEATURES

At the core of the EOS 100D is an 18-million-pixel, APS-C-size CMOS sensor. Canon has been using an 18-million-pixel CMOS sensor for a few years now, and this latest version features a hybrid phase-detection AF system built onto the sensor. We have already seen this used in the Canon EOS M compact system camera, and the EOS 650D and new EOS 700D DSLRs. The EOS 700D is really just a reprised version of the EOS 650D, with little in the way of new features. In fact, the EOS 100D and 700D are remarkably similar, both having the same resolution sensor, a 3in, 1.04-million-dot touch-sensitive LCD screen, and a maximum sensitivity of ISO 25,600. Both can also shoot video at a resolution of 1080p at 30fps.

As well as the obvious difference in size between the two cameras, there are a few other notable variations. Whereas the rear screen of the EOS 700D is articulated, the EOS 100D has a fixed monitor, which helps to reduce the size of the body. Meanwhile, the EOS 700D has a maximum shooting rate of 5fps



compared to the 4fps rate of the EOS 100D.

The differences between the two cameras become even more interesting when their respective prices are taken into account. The EOS 100D costs around £570 body only, while the EOS 700D is almost exactly the same price. Both sit above the EOS 1100D, which has only a 12.2-million-pixel sensor. The EOS 100D therefore occupies a strange space in the market. In many ways it is the equal of the EOS 700D, but is smaller and lighter – it almost offers photographers an 'EOS 700D Lite'.

Personally, I feel that the EOS 100D stands alone in the Canon EOS line-up. Its size and weight make it unique and it can be viewed as an alternative to the EOS 700D or EOS M, rather than a model above or below. It also makes a great secondary camera for those with a full-frame EOS DSLR, such as an EOS 5D Mark II or III, or an EOS-1D X. Its design makes

it an ideal complementary camera to these larger models.

The EOS 100D's size also makes it less intimidating for entry-level users, and for those using a DSLR for the first time, there are modes designed to offer a helping hand. Built into the camera is a useful feature guide, which shows exactly what each different function of the camera does, and the effect that changing them has. The intelligent auto mode will automatically select the correct scene mode and change the exposure settings for the best result. Plus, there are more than ten scene modes available for manual selection, along with a range of creative filters, which include toy camera, grainy black & white, and miniature mode.

8/10

#### BUILD AND HANDLING

The EOS 100D consists of an aluminium alloy core, surrounded by a combination



**This shot was taken inside an abandoned Douglas DC-3 plane. The scene was lit with three Canon Speedlites controlled by the ST-E2 wireless controller**

of polycarbonate resin, carbon and glass fibre to add strength while keeping the body as light as possible. I was happy to have the camera slung over my shoulder all day, and at just 407g, including battery and card, the weight was hardly noticeable.

Despite the small size, I found that the EOS 100D handled well. As with compact system cameras, the buttons have all been strategically placed to maximise their number while ensuring ease of use.

Also, the handgrip has not been compromised, being almost as large as would be found on the other cameras in the EOS range. One really nice ergonomic feature is the way the top-plate is slightly larger on one side, where it meets the handgrip. This affords more space on the top right of the camera in which to position a couple of buttons, notably the ISO sensitivity control, right next to the shutter button. The grip also has a slight groove for the middle finger, which helps to provide additional purchase.

Changing settings is fairly straightforward, with the camera's quick menu providing access to those that are used the most. As the EOS 100D sports fewer buttons than would be found on a higher-level camera, I found myself using the quick menu to change the majority of settings, except for ISO and exposure compensation, both of which have dedicated buttons. In addition, there is a customisable function button, and with ergonomics clearly a high priority on this camera, it can be easily pressed by the thumb when shooting.

9/10

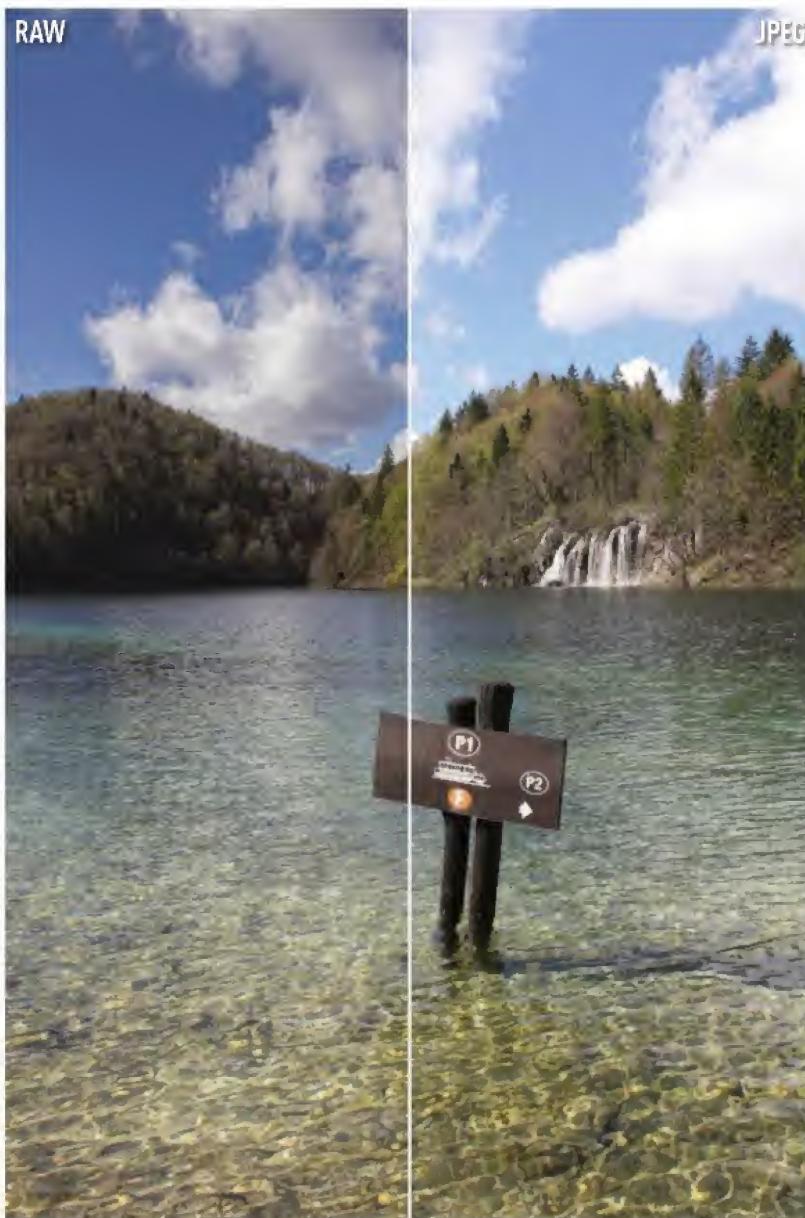


## FEATURES IN USE COMPACT BODY

**TO CREATE** the smallest DSLR currently in production, Canon had to go back to the drawing board. Rather than use existing parts from other cameras in the EOS range, parts such as the shutter mechanism were completely re-engineered to make them smaller. To reduce the size of the main circuit board, the components that populate it are more densely packed than would be the case with a conventional DSLR. The secondary

mirror is also smaller, and even the sensor itself hasn't been overlooked, it being slightly slimmer than the previous generations of Canon's 18-million-pixel, APS-C-sized sensor.

The LP-E12 battery used in the EOS 100D is also smaller than in a typical DSLR, though it is still rated at between 350 and 380 shots. In practice, the number will be less than this due to images being checked on the rear screen once they have been captured.



## METERING

Although the camera's 63-segment evaluative metering appears underwhelming compared to the 425-pixel RGB metering sensor of the Nikon D3200, it is in no way a compromise. Using the evaluative metering mode when shooting landscapes in bright sunlight, the EOS 100D produced nice bright images. True, some highlight detail was blown out in images of bright clouds saved as JPEG files, but all this lost detail could be recovered in raw images.

I rarely had to use the exposure compensation feature. When I did require an image to be a little brighter, I found that I could increase the evaluative metered exposure by 0.3EV and highlight detail in raw files still wasn't blown out.

Only when shooting in an underground bunker, lit only by torches, did I find that I needed to reduce the exposure compensation by 2EV to keep the scene dark. It is obviously the role of evaluative metering to make images look bright

and visible, and in a situation like this the metering will try and brighten the scene. However, with the exposure compensation feature easily accessible on the rear of the body, and partial, spot and centreweighted metering also available, it is easy and quick to achieve the required exposure.

**8/10**

## DYNAMIC RANGE

Typically, the dynamic range of Canon EOS DSLRs with APS-C-sized sensors measures lower than that of many counterparts. For example, the EOS 650D employs a variant of the 18-million-pixel sensor used in the EOS 100D and, according to the results at DxO Mark ([www.dxomark.com](http://www.dxomark.com)), this has a dynamic range of just 10.62EV. While this figure seems many EV lower than some rivals, I found that in practice it made little difference to the majority of my images.

As discussed in *Metering*, there seems to be sufficient headroom in the highlight areas to overexpose slightly from the nominal



**Left: The highlight details in the clouds look lost in the JPEG image, but are easily recovered from the raw file**

**Above: Heavy noise reduction is applied to JPEGs. The difference is clear in this ISO 6400 image, with heavy smudging, a lack of detail and coloured green and purple brusing still visible. None of which is evident in the raw image**

meter reading and recover some highlight detail that otherwise appears blown out. It is in areas of shadow that there is less detail, with noise being introduced as these shadowy areas are lightened. For this reason it is best to produce images that are slightly lighter, thereby giving areas of shadow as much light as possible before darkening them when processing the raw file.

**8/10**

## WHITE BALANCE AND COLOUR

In general, the camera's AWB setting worked well, though it produced rather a clinical neutral colour under tungsten light.

The usual array of Canon picture styles is available and it is possible to set three custom styles. I'm a big fan of the colour produced by Canon cameras and the EOS 100D doesn't disappoint. In particular, I found that blues skies looked nicely saturated and took on an almost polarised appearance. I don't know whether this has anything to do with the lens coatings, but I suspect that it is more than likely due to the way the sensor and processor adjust the contrast curve and blue colours in images, regardless of which picture style is selected. It is clear why EOS cameras are popular among landscape photographers, despite their slightly more restricted dynamic range compared to rival brands.



**9/10**

**AUTOFOCUS**

While the EOS 100D may have only nine AF points, I didn't find it a hindrance. All nine points are placed around the centre of the frame, with the centre AF point being a more sensitive cross-type. I usually prefer to have a few more AF points to play with, but the furthest points on the EOS 100D are placed about as far from the centre of the frame as you would ever want your subject to be, and in either orientation there are AF points on the rule-of-thirds intersections.

In terms of speed, the EOS 100D proved very snappy and quiet. Even with the 18-55mm f/3.5-5.6 kit lens, focus was almost instant in good light. In dim light the performance of the centre AF didn't seem to drop and it was just as quick to find focus. However, the furthest AF points were slower and did hunt a little. Given that the light was very dim and AF assist was switched off, the drop in accuracy was forgivable, especially given the camera's price and target market.

When using the screen for live view, there is the standard option to magnify a portion of the image for precise manual focusing. The EOS 100D can also perform tracking AF and face detection when using live view.

The hybrid AF system is used in Live View mode, and is based on the same system found in the EOS M compact system camera and the EOS 650D. It uses a combination of contrast-detection AF and on-sensor phase detection. Although I didn't have an EOS M to test alongside the EOS 100D, from memory the EOS 100D did seem a little more responsive when focusing in live view compared to the compact system camera. Obviously, it wasn't as fast as when using the standard phase-detection mode through the viewfinder, and it did hunt a little. Nevertheless, for most situations in which photographers will want to use live view – for landscapes, still lifes and macro shots – it will be fast enough and I certainly wouldn't let it be a deal breaker when deciding whether to buy the camera.

**8/10****NOISE, RESOLUTION AND SENSITIVITY**

With a variation on the 18-million-pixel sensor that has been used in a number of Canon EOS cameras, there was nothing too surprising about the images produced by the EOS 100D.

Generally, the sensor captures a good amount of detail, though as we've noted numerous times with Canon cameras, there can be quite a big difference between the detail that can be resolved in raw files and that which is present in JPEGs produced in-camera. A slight tweak to the local contrast and sharpening settings really brings out the finer details in images, which can otherwise be lost in JPEGs.

At the lowest sensitivity settings, the EOS 100D is able to resolve up to around 28 on our chart. If you are shooting raw images there is a slight improvement, but it can't resolve



# Facts & figures

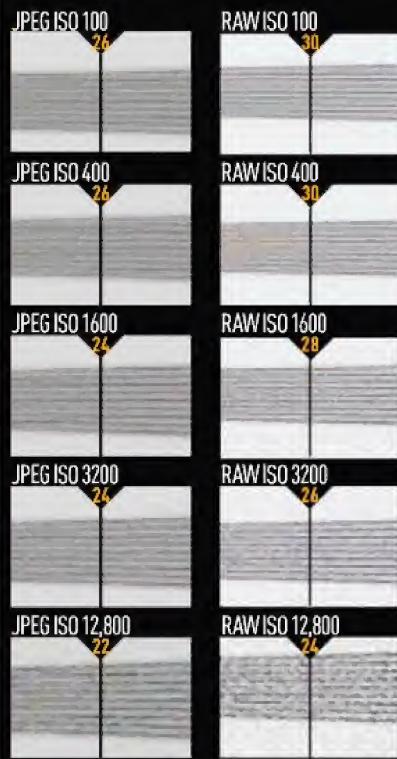


Street price	Around £570 (body only)
Sensor	18-million-effective-pixel CMOS sensor
Output size	5184 x 3456 pixels
Focal length mag	1.6x
Lens mount	Canon EF-S (compatible with EF)
File format	Raw, JPEG, raw + JPEG simultaneously
Compression	2-stage JPEG
Colour space	Adobe RGB, sRGB
Shutter type	Electronically controlled focal-plane shutter
Shutter speeds	30-1/4000sec in 1/3EV steps plus bulb
Max flash sync	1/200sec
ISO	ISO 100-6400, expandable to ISO 25,600
Exposure modes	Scene intelligent auto, creative auto, auto, program, aperture priority, shutter priority, manual, 10 scene modes
Metering system	63-zone evaluative metering (linked to all AF points), centreweighted, partial (9%) and spot (4%)
Exposure comp	±5EV in 1/3EV or 1/2EV steps
White balance	Auto, 6 presets, plus custom setting
White balance bracket	Yes, over 3 images
Drive mode	4fps for 28 large/fine JPEG files or 7 raw images
LCD	3.2in touchscreen LCD with 1.04 million dots
Viewfinder type	Pentamirror with 0.85x magnification
Field of view	Approx 95%
Dioptr adjustment	-3 to +1 dioptre, 19mm eye point
Focusing modes	Manual, single-shot AF, automatic AF, continuous AF
AF points	9 cross-type individually selectable points, auto or manual selection possible
DoF preview	Yes
Built-in flash	Yes – GN 9.4m @ ISO 100
Video	1920 x 1080 pixels [at 30fps, 25fps or 24fps], 1280 x 720 pixels [at 60fps or 50fps], 640 x 480 pixels [at 30fps or 25fps], MOV files with MPEG-4 AVC/H.264 compression
External mic	Yes
Memory card	SD, SDHC or SDXC (UHS-I)
Power	Rechargeable Li-Ion LP-E12 battery
Connectivity	USB 2.0 Hi-Speed
Weight	407g (including battery and card)
Dimensions	116.8 x 90.7 x 69.4mm

**CANON UK**, Woodhatch, Reigate, Surrey RH2 8BE.  
Tel: 01737 220 000. [www.canon.co.uk](http://www.canon.co.uk)

## RESOLUTION & NOISE

These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, captured using the Sigma 105mm f/2.8 Macro lens lens set to f/8. We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution is at the specified sensitivity setting.



Although the Canon EOS 100D resolves a fair amount of detail, raw images must be captured to really get the most from the camera



# FOCAL POINTS

## Flash

The EOS 100D's hotshoe is compatible with all current Canon Speedlite flashguns. The built-in pop-up flash has a guide number of 9.4m at ISO 100 and it is capable of controlling compatible flashguns wirelessly.

## ISO button

This is located on the top of the camera next to the shutter button and control dial, and is easy to press with the forefinger without taking your eye away from the camera.



## Connections

Tucked behind a rubber cover are the connections for an external microphone, USB cable, remote release and HDMI cable

## Touchscreen

I rarely used the EOS 100D's touchscreen, but found it to be responsive. It will appeal to those more used to using touchscreen devices, but enthusiast photographers will be pleased to hear that the camera isn't reliant on the touchscreen and all settings can be changed normally using the buttons and menu.

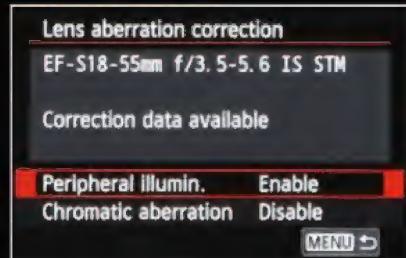
## Delete button

Another simple piece of ergonomics, the Delete button is concave, so it is less likely to be accidentally pressed. Having said that, I can't recall ever accidentally pressing a delete button when getting a camera out of my bag.

## Quick menu



## Auto lens correction



## Intelligent auto mode



Colours produced by the EOS 100D are excellent, and I particularly enjoyed using the monochrome setting with the red filter effect



**'The EOS 100D is a great little DSLR. Those who are considering a SLR-style compact system camera may have to have a rethink'**



much higher. However, the lines are more defined, especially after a slight sharpening.

A hint of colour noise can be observed in the shadow areas in JPEG images taken at ISO 800, though this doesn't really become a concern until about ISO 3200. I have said it before, but I find it odd that camera manufacturers don't do more to remove colour noise altogether from in-camera JPEG images, given how easy it is to reduce it in raw files using post-processing software.

It is also at ISO 3200 that luminance noise starts to become noticeable, and it appears that luminance noise reduction also becomes stronger here, as there is a drop in detail resolution. I'd suggest that ISO 3200 is about as high as anyone would really want to shoot. I took some shots in very low light at ISO 6400 and ISO 12,800 and there is a lot of luminance noise reduction applied to JPEG files. Colour noise is also visible in some areas in the form of slightly purple and green-looking blotches.

Overall, image quality is perfect for the fair-weather photographer. For those that like to shoot in low light, the EOS 100D does seem to struggle at higher sensitivities, and time will have to be spent editing the raw files to get the best from the camera.

26/30

#### LCD, VIEWFINDER, LIVE VIEW AND VIDEO

For a DSLR that is so small, the optical viewfinder seems surprisingly large. As we would expect for a camera at this level, it doesn't offer 100% field of view, but the 95% coverage is reasonable, as is the 0.87x magnification. The viewfinder is also bright and clear.

The rear touchscreen matches the quality of the viewfinder. It measures 3in and is made up of 1.04 million dots. In all but the brightest light it is possible to see the images on the rear screen, and I had no problem adjusting settings via the menu. When the light is too bright and reflections are an issue, the optical viewfinder is the first port of call.

Although the screen isn't articulated, it does have a very wide angle of view. The on-screen image is still visible at an angle of around 160°, though doing so makes precise composition a little tricky.

Despite its size and target market, the EOS 100D doesn't scrimp on video quality, the tiny camera being able to capture full HD (1080p) at 30fps. Sound is mono only, though anyone serious about video can use the camera's external mic socket on the side of the body to attach a higher-quality microphone.

8/10

# Competition



Canon EOS 700D

NOT YET TESTED



Canon EOS M

TESTED APR 5 JANUARY 2013

**I MIGHT** seem odd to pick two Canon cameras as key competitors, but the EOS 100D sits in a slightly odd place in the EOS range. Canon users looking for a smaller, lighter alternative may be tempted by the EOS M, but the size and weight of the EOS 100D is going to appeal too, especially as it is compatible with existing lenses.

Sitting above the EOS 100D is the EOS 700D, which has a very similar specification, but a larger body, which may also suit some photographers.

Aside from Canon, Panasonic's new Lumix DMC-G6, which is a DSLR-style CSC, is around the same price as the EOS 100D and also has a good specification. We'll be testing the G6 in the next few weeks.

# Verdict

**I REALLY** enjoyed using the Canon EOS 100D. In terms of size, it certainly doesn't feel like the body is much of a compromise and it packs in all the features that would be expected from a mid-range enthusiast DSLR. Even used with slightly larger lenses, it is still comfortable to hold. Indeed, I even tried it with a large telephoto lens attached, and was actually glad that some of the extra weight that would have been added by a camera like the EOS 7D had been reduced by the use of the EOS 100D.

The image quality provided by the 18-million-pixel sensor is good, without being exceptional. Colours are excellent, and in good light at low sensitivities the camera performs well, though it suffers a little more than I would have hoped at higher ISO settings.

Overall, the EOS 100D is a great little DSLR. Those who are considering a SLR-style compact system camera may have to have a rethink.

Amateur  
Photographer

Tested as  
Entry-level DSLR  
Rated Very good

84 %

1	2	3	4	5	6	7	8	9	10
FEATURES	8/10								
BUILD/HANDLING	9/10								
NOISE/RESOLUTION	26/30								
DYNAMIC RANGE	8/10								
AWB/COLOUR	9/10								
METERING	8/10								
AUTOFOCUS	8/10								
LCD/VIEWFINDER	8/10								



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# Ask AP

Let the AP team answer your photographic queries



## RAW UPDATE

**Q** I have a query about Lightroom 4 and raw files from the Fujifilm X-Pro1. I am finding that the files, when viewed in Lightroom 4, are soft, and small details have a 'watercolour' look about them. I have checked a few forums on the internet and also Adobe's website, but cannot find any information as to whether this problem has been fixed. Do you have any more information on this, as I am currently having to convert my files to DNG using Lightroom 3 (without any problems)? **Laurie Thurlow**

**A** Towards the end of February, Adobe released updates for Camera Raw (7.4) and Lightroom (4.4), which is the answer you're looking for. AP's Richard Sibley performed a quick comparison between the latest updates and the previous versions, using the same raw file from an X-Pro1. He found that

images converted using the updated version contained more detail (without the 'watercolour' effect), although they did require a slightly higher level of sharpening. Full details can be found at [www.amateurphotographer.co.uk/photo-news/539523/adobe-camera-raw-and-lightroom-updates-ap-comment](http://www.amateurphotographer.co.uk/photo-news/539523/adobe-camera-raw-and-lightroom-updates-ap-comment) **Chris Gatcum**

### HELP WITH COMPUTERS

**Q** I am 80 this year and have 'been digital' now for three years. I now have a laptop, but no clue how to transfer images from my SD card or how to use folders and so on. I keep looking for some advice in AP, but so far no luck. Can I please have some help with this? **Cyril Bush**

**A** New technology inevitably demands that new skills be learned, and with digital imaging

this not only means that photographers need to get to grips with increasingly sophisticated cameras, but also with computers and everything associated with them. Unfortunately, there's just not the space in AP to start looking at general computing, but there are countless books available on the subject, including an increasing number of titles aimed specifically at more senior computer users, or 'silver surfers' as they are often known.

Among these are general titles such as *Windows 8 for Seniors*, *Windows 8 for*

*Seniors for Dummies*, *Windows 8 for Seniors in Easy Steps* and *Basic Computing for the Older Generation*, which should all help you find your way around the Windows operating system (the first three books are also available for Windows 7). You may also find *Computing and Digital Photography for the Older Generation* useful for specific photography related tasks.

The ISBN numbers for these books are as follows, and most good bookshops and libraries should be able to get them for you:

## ASK...

Be it about modern technology, vintage equipment, photographic science or help with technique, here at AP we have the team that can help you. Simply email your questions to: [apanswers@ipcmedia.com](mailto:apanswers@ipcmedia.com), via [twitter](https://twitter.com/dap_answers) or by post to: **Ask AP, Amateur Photographer Magazine, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU.**

1. **Windows 8 for Seniors**  
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3. **Windows 8 for Seniors In Easy Steps**  
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4. **Basic Computing for the Older Generation**  
ISBN: 978-0-85934-731-0
5. **Computing and Digital Photography for the Older Generation**  
ISBN: 978-0-85934-729-7

**Chris Gatcum**

### COPYING 70MM FILM

**Q** When my father died last year, I found among his things some 70mm slides, with many family shots from the 1960s. I have been unable to purchase a slide scanner that takes this size of slide from high-street stores, so do you know of anywhere that can provide a service to transfer these slides onto disc or SD card?

**Anthony Toombs**

**A** Are you certain these are 70mm slides? I just want to double check, because 6x6cm is a far more common format, but it was often mounted in a 70x70mm mount. If that's the case, then any scanner that will scan medium-format (120) film would be capable of scanning your father's slides, although you would have to remove the film from the mount first.

That said, 70mm is not an entirely

## FROM THE AP FORUM

### Help with movie

**McKarchie** asks A couple of years ago I was visiting Ypres and took a movie on my camera of the daily last post ceremony at the Menin Gate. Unfortunately, I took it in portrait mode rather than landscape, which means I can only watch it by turning my computer on its side. Is there a program that I can use to turn it the right way?

# AP GLOSSARY

## 70MM FILM

This film is most closely associated with motion pictures, where it's been used since the start of the 20th century. However, the '70mm' film used in a camera is actually only 65mm wide – the name came about because the camera footage (in motion-picture making) would be transferred to 70mm-wide film for distribution; the additional 5mm was used for the sound channels. As a result, '70mm' became the catch-all term used to describe both the capture and presentation stages.

The 70mm format is obviously not the only one to migrate from moving to still images, but unlike 35mm, 70mm was most often seen as an additional option, rather than the sole format used by a camera (the exception being the Combat Graphlex, a 70mm-format rangefinder camera used by the US military, most notably during the Korean and Vietnam wars). The reason for this was largely because 120 rollfilm had become the

established medium-format film, so replacing it with a film of very similar (albeit not quite identical) dimensions offered little advantage to anyone.

Instead, medium-format camera manufacturers such as Bronica, Hasselblad, Mamiya, Pentax and Rollei produced camera backs that allowed 70mm film to be used with existing medium-format camera models – on a V-System Hasselblad, for example, or a Bronica ETR. This meant that longer rolls of film could be used, allowing a much greater number of shots to be taken before reloading. As a result, a Hasselblad a70 back would allow you to shoot 70 6x6cm shots, while the Bronica Film Back E delivered 90 6x4.5cm images from a 15ft cassette of film. For wedding photographers this meant backs needed changing far less often, so shots weren't missed – just one potential area where the longer length offered by 70mm film was beneficial.

CONTENT FOR NEXT WEEK'S ISSUE MAY BE SUBJECT TO CHANGE

unknown format, as outlined in this week's *Glossary*. So, assuming you do indeed have 70mm slides, then perhaps the first thing to do is an internet search for 'scanning 70mm slides'. You will come across a number of scanning services that claim to be able to do this for you, although I'm not able to recommend any one in particular, as I've never had a reason to use them – the last thing I want to do is suggest a company that turns out to do a poor job and costs you money. I'm sorry, but you'd have to pick one for yourself.

An alternative option would be to

photograph the slides. It wouldn't be too difficult to make a 'holder' for the film, which you could then photograph backlit by a window. Given the large film format, you should be able to at least get close to filling the frame with the slide. Obviously, it's up to you how you do it, but I'd probably cut an appropriately sized window in two pieces of A4 black mountboard, and then use tape to create a 'hinge' along one long edge to make a more-than-adequate film holder for your 70mm slides.

**Chris Gatcum**

**LargeFormat** replies Adobe Premier Elements allows you to rotate a clip:  
 1. Select the clip in the Quick view timeline or the Expert view timeline.  
 2. Click the Applied Effects button.  
 3. Expand the Motion effect in the Applied Effects panel, and do one of the following:  
 • Drag the underlined value to the right of Rotation.  
 • Click Rotate Left or Rotate Right to rotate the clip 90° in either direction.  
 Just tried it and no problems.

**McKarchie** replies Sorry, don't have Premier Elements

**NosamLuap** replies If you only want suggestions for programs you have, perhaps

tell us what you have and what operating system you use. I can do it using the free Openshot program ([www.openshotvideo.com](http://www.openshotvideo.com)) – I'm sure similar stuff is available for Windows/Mac if you don't want to buy Premier Elements.

**Roy5051** replies Picasa allows you to flip it (FREE from Google.)

**MicKarchie** replies I have at last rotated my movie! I found instructions for Windows Live Movie Maker, which is on my computer and took a couple of minutes to perform the miracle. Oh joy! Lesson learned: when you have a program on your computer, play with it and find out what it does! Saves hours of stress! Thanks to all who gave advice.

# In next week's AP

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## CANON CANOSCAN 9000F MARK II

We rate a **flatbed scanner** promising fast and easy scanning of 35mm and medium-format film

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MDUH

# Ilford Galerie Prestige Gold Mono Silk

Ilford's new Galerie Prestige Gold Mono Silk is designed specifically for creating black & white inkjet prints. **Vincent Oliver** tries out this specialist paper



Harbour scene  
printed on Ilford  
Galerie Prestige  
Gold Mono Silk

**THE BLACK** & white print is often regarded by 'artistic' photographers as the ultimate in creative expression. A black & white photograph presents the viewer with pure image tonality, line, form, shape and texture totally free from colour distraction and influence. With a high-quality photo inkjet printer you can produce prints that will rival anything created with traditional wet chemistry.

Ilford has been producing black & white film and papers for over 130 years. Now, with the focus on digital photography in mind, Ilford has introduced a new product: Galerie Prestige Gold Mono Silk. A paper made specifically for inkjet printers, it is said to allow photographers specialising in black & white photography to achieve stunning images reminiscent of prints made in the darkroom.

#### FEATURES

Gold Mono Silk media is a fibre-based 270gsm paper with a semi-matte finish similar to glossy, unglazed bromide paper. In this review we are using the Epson Stylus Pro 3800 printer, which uses the UltraChrome K3 pigment inks. The K3 ink set has three black inks – Photo Black, Light Black, and Light Light Black – an ideal combination for b&w printing to ensure neutral cast-free prints.

#### GOLD MONO SILK MEDIA FEATURES

- A dedicated media for black & white printing
- Acid-free and lignin-free fibre base paper
- 270gsm paper weight for a true photo feel
- Silk surface with a 42% gloss finish
- Excellent transition between shadows and highlights
- Available in sheets and rolls
- Compatible with both pigment- and dye-based printers

#### PRINT TEST

We tested the media using a variety of photographs to see how well the Gold Mono Silk coped with both highlight and shadow detail. The snow scene print displays excellent detail throughout, even in the bright sunlit areas. Image detail is maintained in even the darkest areas while a deep rich black is also retained in the trees. The midtone grey is totally free from



any cast, which can be put down to a good profile and the UltraChrome K3 inks.

The harbour scene shot in bright sunlight shows how well the media copes with a variety of tones. Again the shadow areas display deep solid blacks without image detail being sacrificed while highlights and other bright areas have retained all the subtle tones. This media has a good transition of contrast between shadow and highlight areas, due to the nanoporous coating layer technology used coupled with excellent Dmax and Dmin values.

We printed the same test photographs using another favourite Ilford paper – the 310gsm Galerie Gold Fibre Silk. The Gold Fibre Silk has a slightly warmer paper base, whereas Gold Mono Silk has a pure white paper base, which gives prints extra dynamic punch. Both media types produce grey tones free from any colour cast. As an experiment we also tried printing a colour image using the media. The colours were disappointing. This paper is clearly designed for monochrome (b&w) printing.

## Verdict

WITH so many papers available we are spoilt for choice.

However, it is refreshing to see that Ilford has introduced a media dedicated to b&w printing. If most of your printing is monochrome you want clean whites, rich blacks and prints that stand out, so Ilford's Gold Mono Silk media is well worth trying.

Printer profiles for the Gold Mono Silk and other media can be downloaded from the [www.ilford.com](http://www.ilford.com) website, together with full instructions for installation and the correct settings to use for your printer model.

Highly recommended.





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# Star student



## David Barrett

**Enrolled on** Diploma in Digital Photography  
**Age** 26  
**Occupation** Student nurse at the University of Cumbria in Lancaster  
**Equipment** Nikon D5100 with Nikon 18-70mm f/3.5-4.5, Nikon 50mm f/1.8G and Sigma 120-400mm f/4.5-5.6 lenses

**Q** When did you become interested in photography?

**A** I've always enjoyed taking pictures, but this had only really consisted of holiday snaps or pictures of university nights out and nothing more serious. I got my first taste for photography while in Thailand in 2007, when I took some sunset pictures on a beach and I am still really proud of them – so much so, that my wife had one enlarged and put on a canvas that has pride of place in our living room! Until 2010 I had only used point-and-shoot cameras, but decided to take the plunge and bought a Nikon D3000 with 18-55mm kit lens to kick-start my photography and it has gone from there.

**Q** What do you enjoy most about photography?

**A** There's no one thing that I enjoy the most about photography. It is simply something I enjoy and why wouldn't I wish to push myself to excel at something I enjoy? I do enjoy being creative and planning to shoot a still

life or home studio type of subject, but I also enjoy just going out and about with no plan in mind and seeing what I come home with.

**Q** What are you hoping to achieve with your photography?

**A** I would love to become a professional sports or concert gig photographer and would love to make a living from this, but am realistic about needing a secure income for the future so at present I want to finish my nurse training while giving myself the time to indulge in my hobby.

**Q** Where is the most enjoyable location to take photographs?

**A** I can't say I have a favourite place as I enjoy most types of photography, from landscapes to sports and home studio shots, but I have some local areas that I frequent in Lancaster. I am fortunate that I live so close to the Lake District and the west coast and do occasionally seek out some amazing

landscapes in the lakes' but I'll shoot anywhere that appeals to me.

**Q** Why did you decide to enrol on the SPI course and how have you enjoyed it so far?

**A** I discovered the SPI course in AP, which I subscribe to, and felt that I needed some teaching from an accredited source instead of being self-taught. After doing some research into the course, I thought it would be a fantastic addition to my progression as an amateur photographer!

**WE SAY** David's photographs have improved dramatically. He has clearly gained a new-found confidence and started to push the boundaries a little more. This is a valuable quality, which every worthy photographer in the making will learn. David's images are very inspirational and we hope he will continue to display this through his love for photography. Well done, David!



# Sony Alpha 58

Consolidating Sony's entry-level SLT line-up, the Alpha 58 replaces both the Alpha 37 and Alpha 57. **Phil Hall** finds out how successful the merger has been

**LIKE** all Sony DSLR-style cameras we have seen since the launch of the Alpha 33 and 55 in 2010, the Alpha 58 is based around the company's translucent mirror technology, in which the moving mirror and pentaprism found in a typical DSLR are removed and replaced with a fixed, semi-transparent mirror. With roughly two-thirds of the light that comes through the lens travelling on through the translucent mirror to the sensor, the other third is bounced up to the AF sensor. The benefit of this is that autofocus can remain in action even when a shot is fired – on a traditional DSLR, the mirror is raised and AF is interrupted very briefly when the shutter is triggered – while the burst frame rate can also be improved over DSLR rivals. The absence of a pentaprism does, however,

see the optical viewfinder substituted for an electronic equivalent.

The Alpha 58 features a completely new 20.1-million-pixel sensor, but with some established leaders in this sector, does Sony's new model offer the photographer enough to stand out from the crowd?

## FEATURES

Rather than opt for the 24.3-million-pixel sensor found on Sony's higher-end SLT cameras, Sony has developed an all-new, 20.1-million-pixel Exmor APS HD CMOS sensor that improves on the 16.1-million-pixel Exmor APS HD CMOS sensor used by both the Alpha 37 and 57. There is also a new and improved Bionz image-processing engine that individually adjusts levels of noise reduction and sharpness in different imaging

## AT A GLANCE

- 20.1-million-pixel, Exmor APS HD CMOS sensor
- 1.44-million-dot OLED electronic viewfinder
- Sony Alpha mount
- Sensor-shift stabilisation
- Tiltable 2.7in, 460,800-dot TFT screen
- Up to 8fps shooting rate
- 1080p HD video capture
- Street price around £430 with 18-55mm f/3.5-5.6 lens

areas, while the ISO sensitivity is good for a camera in this class at 100–16,000.

The electronic viewfinder is a 1.44-million-dot OLED device with Tru-Finder technology. This improves on the LCD display found in the Alpha 57, reducing overall power consumption, while the 100% field of view offered is better than most DSLRs at this price point.

Interestingly, the rear screen has shrunk in size since the Alpha 57, with a 2.7in, 460,800-dot display now in place compared to the 3in, 921,000-dot screen on the previous camera. The screen can be pulled out and angled for shooting at different heights, but because its hinged differently to that on the Alpha 57, it doesn't offer quite the same breadth of movement.

The AF system builds on the system used in the Alpha 57. The 15-point AF arrangement, of which three are the more sensitive cross-types, is in place in the Alpha 58, which also benefits from a new lock-on autofocus technology for what is claimed to be speedier, more accurate subject tracking.

**'The Alpha 58 is quick to use, in part thanks to the selection of body-mounted controls'**

As mentioned, one of the main advantages of Sony's SLT technology is the ability to shoot a faster frame rates compared to rivals, so it's no surprise to find that the Alpha 58 is capable of shooting at up to 8fps. This is a little deceptive, however, with 8fps only possible using the camera's dedicated Tele-zoom Continuous Advance Priority AE mode. This sees the image cropped by 2x (with the centre of the EVF view automatically magnified), the resolution dropping to a lowly 4.9 million pixels, and the restriction of being able to shoot JPEGs only. Not only is this slower than the all-out pace of the Alpha 57, which could shoot at up to 12fps in Tele-zoom Continuous Advance Priority AE mode, the Alpha 57 is also, more tellingly, capable of shooting at 10fps at full resolution compared to 5fps for the Alpha 58.

Auto Object Framing technology is included in the Alpha 58, which builds upon the Auto Portrait Framing feature first introduced in the Alpha 57. Set to this mode, Sony claims that the Alpha 58 will consider what is in the scene – including people, and close-up and moving subjects – before tracking, framing and cropping the shot for 'powerful, professionally framed compositions'. Any cropped images are automatically boosted back to the camera's native resolution using Sony's By Pixel Super Resolution technology, with both the original and recomposed files saved.

7/10

#### BUILD AND HANDLING

While the exterior construction of the Alpha 58 is predominantly plastic, it is more than satisfactory for the job, though it's a little disappointing to see a plastic lens mount replacing the more durable metal lens mount found on the majority of DSLRs – including the Alpha 57.

Otherwise, the exterior design of the Alpha 58 is pretty much identical to that of the Alpha 57. In the hand, and thanks to a substantial grip with a pleasing rubberised surface that features depressions for both middle and ring fingers, it provides a comfortable grip and is probably the best in its class.

Overall, the Alpha 58 is fairly straightforward and quick to use. This is in part thanks to the selection of body-mounted controls that provide quick access to ISO, exposure compensation, drive mode and AF. An Fn button is also present, which offers further access to other key shooting controls, while navigation of the camera's interface is carried out via

## Facts & figures

RRP	£449 (with 18-55mm lens)
Sensor	20.1-million-pixel Exmor APS HD CMOS sensor
Output size	5456 x 3632
Focal length mag	1.5x
Lens mount	Sony Alpha mount
File format	Raw, JPEG, raw + JPEG simultaneously
Compression	Fine or Standard (JPEG)
Colour space	sRGB, Adobe RGB
Shutter type	Electronically controlled focal-plane shutter
Shutter speeds	30-1/4000sec in 1/3EV steps, plus bulb
Max flash sync	1/160sec
ISO	100-16,000
Exposure modes	Program, aperture priority, shutter priority, manual, iAuto, iAuto+, flash off, scene selection, sweep panorama, picture effect, Tele-zoom Continuous Priority AE, Continuous Advanced Priority AE, scene 1,200-zone evaluative metering, centreweighted and fixed centre spot
Metering system	±3EV in 1/3 steps
Exposure comp	Auto, 9 presets, Kelvin, plus custom setting
White balance	White balance bracket
Drive mode	5fps for 6 raw images
LCD	2.7in LCD with 460,800 dots, tiltable
Viewfinder type	1.44-million-dot OLED electronic
Field of view	Approx 100%
Dioptr adjustment	-4 to +4 dioptre
Focusing modes	Manual, single-shot AF, automatic AF, continuous AF, face detection
AF points	15-point system with 3 cross-type, auto or manual selection possible
Dof preview	Yes
Built-in flash	Yes – GN 10m @ ISO 100
Video	AVCHD: 1920 x 1080 pixels (at 50fps or 25fps PAL); MP4: 1440 x 1080 pixels (25fps PAL)
External mic	No
Memory card	SD, SDHC, SDXC or Memory Stick Pro Duo

**SONY**, The Heights, Brooklands, Weybridge, Surrey, KT13 0XW. Tel: 01932 816 000. Website: [www.sony.co.uk](http://www.sony.co.uk)

the four-way D-pad on the rear.

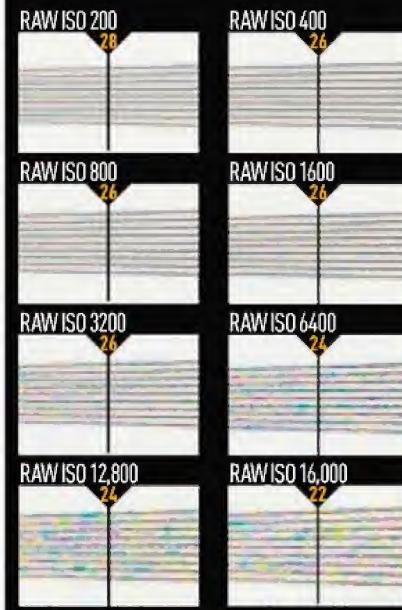
One annoyance concerns raw shooting, which, as with previous Alpha models, is restricted by some of the camera's modes – for instance, it's not possible to shoot with any of the picture effects when shooting raw + JPEG. It would seem that the Alpha 58 simply wants the user to shoot JPEG-only. A warning pops up on screen, but it can only be changed manually by going through the main menu. This is a little frustrating, given that rival models are happy to shoot in similar modes to produce an altered JPEG file and an untouched raw file that can be revisited later.

Shooting at full resolution, the Alpha 58 is capable of shooting 10 JPEGs or 6 raw files at a maximum burst rate of 5fps – however, even with the Alpha 58's increased resolution over previous models, we would have expected longer bursts than this, while



## RESOLUTION AND NOISE CONTROL

These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, captured using the Sigma 105mm f/2.8 Macro lens. We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution at the specified sensitivity setting.



in Tele-zoom Continuous Advance Priority AE mode at 8fps, the Alpha 58 is only capable of producing a burst of 19 frames before it slows down.

7/10

#### METERING

The Alpha 58's metering system is very good, and features a choice of multi-segment, centreweighted or spot metering modes, calculated via the camera's 1,200-zone evaluative metering system. In our tests, the multi-segment metering performed well, exposing well for most scenes, though on occasion in bright situations it did have a slight tendency to underexpose the shot, requiring a touch of exposure compensation to rectify.

9/10



## AUTOFOCUS

The Alpha 58's AF performance is good for a camera in this class, with speedy AF most of the time, especially using one of the three cross-type points, only hunting in low-contrast situations. One niggle is the grouping of the AF points, seeing a bias towards the centre of the frame, which often results in the need to focus and then recompose if the subject is positioned towards the edge of the frame.

The Alpha 58's SLT technology means it is able to utilise its 15-point phase-detection AF system during live view and video recording, rather than having to rely on slower contrast-detect AF as most DSLRs do. It therefore delivers the same level of performance via live view as it does when using the viewfinder.

8/10

## DYNAMIC RANGE

When shooting JPEGs, I would recommend activating the Alpha 58's DRO feature to lift shadows for a more balanced exposure in scenes with high contrast. Thanks to the camera's solid metering performance, blown highlights don't tend to feature in balanced conditions, while those shooting raw are able to recover any that do in harsher lighting conditions using raw-conversion software. It is a similar story when shadow detail needs to be recovered.

8/10

## NOISE, RESOLUTION AND SENSITIVITY

The new 20.1-million-pixel sensor delivers very good levels of detail. It can resolve to around 28 lines per mm (lppm) at ISO 100, only tailing off to just over 22lppm at its highest ISO of 16,000, which compares favourably to its rivals.

At its base ISO of 100, images from

the camera are virtually noise-free, though subtle signs begin to appear at ISO 800. Above that, the gritty texture of noise appears in raw files at ISO 1600. This increases further as the sensitivity is increased, with luminance noise compromising fine detail and chroma noise deteriorating the image. This is to such an extent that I'd think twice about shooting at ISO 6400 and above, with the Alpha 58 displaying noticeably more image noise than its rivals at identical sensitivities.

The Alpha 58 tries to combat this when shooting JPEG files at these higher sensitivities, but the camera's in-camera processing delivers mushy-looking files with considerable loss of detail.

25/30



The Alpha 58 has 15 picture effect filters that can be applied to images, though only when shooting JPEGs

## WHITE BALANCE AND COLOUR

The Alpha 58's auto white balance performs consistently, delivering pleasing results and natural skin tones under a range of lighting conditions that it was tested in. There's also a host of presets to dabble with as well, though for most conditions the AWB setting copes admirably.

8/10

## LCD, VIEWFINDER AND VIDEO

The electronic viewfinder is a lot less tunnel-like than its optical peers, while there's a host of shooting info displayed on screen and the 100% coverage means nothing creeps in at the edges of the frame once you've taken the shot. It's more than fine for composition and focusing in most situations, but it does struggle with high-contrast scenes and I'd recommend trying it out before buying.

The downgraded rear LCD screen is disappointing, not offering quite the same level of detail and 'bite' as the competition or its predecessor, while the tilt-only screen doesn't offer the same breadth of movement as the Alpha 57.

For general video shooting, the Alpha 58 is fine, with the option to shoot at 25p or 50i in AVCHD, while the onboard stereo microphones deliver reasonable sound – though I'd recommend against using the 18-55mm kit lens in AF while recording, as the AF noise from the lens can disrupt audio.

7/10

**The Alpha 58's 1,200-zone evaluative metering system has coped well with this challenging scene**

# Verdict

**IN A TOUGH** sector, having a unique selling point is key, and that is what has made Sony's series of SLTs stand out from the crowd. But with the Alpha 58, its advantages have been diluted quite a bit.

The 20.1-million-pixel sensor sees it resolving greater levels of detail than its siblings, but the results are compromised at high ISO and are not as useable as images from rival models. Factoring in the smaller screen and plastic lens mount, the Alpha 58 seems a step back from the Alpha 57 it replaces. With such stiff competition in the shape of the Canon EOS 600D, Nikon D3200 and Pentax K-30, it's hard to recommend the Alpha 58 above them.

Amateur  
Photographer

Tested as a  
Entry-level SLT  
Rated Good

79%

	1	2	3	4	5	6	7	8	9	10
FEATURES	7/10									
BUILD/HANDLING	7/10									
NOISE/RESOLUTION	25/30									
DYNAMIC RANGE	8/10									
DYNAMIC COLOUR	8/10									
METERING	9/10									
AUTOFOCUS	8/10									
LCD/VIEWFINDER	7/10									



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**SATURDAY 25TH MAY 9AM-5PM**

**LCE SILVER ST LINCOLN**

Meet the team from Wild Arena, wildlife photography experts, for tips and advice on getting the best wildlife shots. **Canon** will be on hand to demo the best kit to use.



**LCE HIGH ST LINCOLN**

Hands-on demos and fantastic offers on **Hawke** and **Opticron** binoculars and scopes. **Manfrotto** in-store demonstrating their tripod range.



**GREAT DEALS ON CANON, HAWKE & OPTICRON**

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Tel: **01522 528577** E-mail: [vision@LCEgroup.co.uk](mailto:vision@LCEgroup.co.uk)



**THE NEW**

**D-LITE RX ONE**

**100% elinchrom**

"why pay for power you don't need?  
D-lite ONE is tailor-made for home portraits"  
Overall - 94/100

Amateur Photographer Magazine, Dec. 10

"this portable D-Lite RX One kit  
is the bargain of the flash season"  
Modern Photography Magazine, Vol. 11

"Excellent build quality, excellent  
performance and an excellent price"  
Max Five stars   
Digital SLR Magazine, Nov. 11

"anyone looking for a low-cost, reliable  
studio starter kit should consider this  
excellent outfit"  
Digital SLR Photography Magazine, July 12

**Amateur  
Photographer**

"a very versatile and versatile  
flash kit with features and build  
quality that put it way above  
what's expected from an  
entry-level kit."



**Digital SLR  
BEST  
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2010

- Fan cooling
- Swiss engineered
- Fast recycling times
- Flash duration 1/2200s
- 100w continuous modelling lamp
- Full range of creative accessories
- Powerful five stop digital flash range
- Accurate exposure and colour balance
- Built in radio trigger and remote control
- iPhone / iPad Skyport app. compatible\*
- Fully compatible with Skyport RX control and image sharing software

Two head kits from £375 inc Vat.



[www.elinchrom.com](http://www.elinchrom.com)

Image by anoush.ch

FEATURED IN

**SIX OF THE BEST**

IN THIS ISSUE!

Head shown with additional 16cm reflector  
\*Requires Elinchrom Inter Module





# Lowering the Cost of Photography

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## MEMORY

### NEW LOWER PRICES

**SanDisk**

**SanDisk Blue C4: 5MB/s**

2GB 5MB/s £8.99  
4GB 5MB/s £12.41 £4.99  
8GB 5MB/s £24.10 £5.99  
16GB 5MB/s £36.35 £8.99

**SanDisk Ultra C6: 30MB/s**

4GB 30MB/s £16.66 £5.99  
8GB 30MB/s £27.85 £6.99  
16GB 30MB/s £57.22 £10.99

**SanDisk Extreme C10: 30&45MB/s**

4GB 30MB/s £24.33 £7.99  
8GB 30MB/s £37.42 £9.99  
16GB 45MB/s £48.02 £14.99  
32GB 45MB/s £67.65 £27.99  
64GB 45MB/s £92.34 £17.99

**SanDisk Ultra 30MB/s**

4GB 30MB/s £24.76 £13.99  
8GB 30MB/s £46.12 £19.99  
16GB 30MB/s £70.05 £34.99

**SanDisk Extreme 60MB/s**

8GB 60MB/s £67.02 £27.99  
16GB 60MB/s £148.79 £45.99  
32GB 60MB/s £200.85 £76.99  
64GB 60MB/s £305.43 £139.99

**SanDisk Ultra C10: 30MB/s**

8GB 30MB/s £37.42 £7.99  
16GB 30MB/s £64.02 £12.99  
32GB 30MB/s £87.65 £24.99  
64GB 30MB/s £92.34 £148.99

**Lexar**

**Compact Flash: 800X**  
8GB 120MB/s £177.38 £34.99  
16GB 120MB/s £271.30 £67.99  
32GB 120MB/s £304.30 £109.99

**Compact Flash: 1000X**  
16GB 150MB/s £371.30 £99.99  
32GB 150MB/s £568.37 £189.99

**SDHC Class 10: 4000X**  
8GB 60MB/s £130.73 £14.99  
16GB 60MB/s £198.47 £22.99  
32GB 60MB/s £248.54 £39.99

**DELKIN DEVICES**

**Compact Flash: 500X**  
8GB 75MB/s £30.99 £14.99  
16GB 75MB/s £57.99 £19.99  
32GB 75MB/s £78.99 £34.99

**Compact Flash: 1000X**  
16GB 150MB/s £100.99 £49.99  
32GB 150MB/s £199.99

## BATTERIES & CHARGERS

### Standard Rechargeables

High-power Ni-MH rechargeable AA and AAA batteries - all sold in packs of 4.  
AAA 1000mAh Duracell £6.99  
AAA 2450mAh Duracell £6.99  
AA 2500mAh GP £9.99  
AA 2500mAh Antmann £13.99  
AA 2900mAh Dakin £14.99 £9.99

### ReCyko+ Rechargeables

New technology, combining the benefits of Alkaline and Ni-MH rechargeable batteries. They come pre-charged, retain 90% of their charge after 8 months, and last 4 times as long as alkaline batteries!  
AAA 850mAh equivalent (4) £5.99  
AA 2050mAh equivalent (4) £7.99

### Ultimate Lithium

Energizer Ultimate Lithium: The longest lasting AA and AAA batteries in the world!  
AAA Ultimate Lithium (4) £6.99  
AA Ultimate Lithium (4) £7.99 £25.99

## BATTERIES

### Camera Batteries



A comprehensive range of rechargeable li-ion batteries. Manufactured by respected independent battery manufacturers Energizer and Blumax. All batteries come with a 2 year guarantee.

NB-2L/LH for Canon £9.99

NB-3L for Canon £9.99

NB-4L for Canon £9.99

NB-5L for Canon £9.99

NB-6L for Canon £9.99

NB-7L for Canon £12.99

NB-8L for Canon £9.99

NB-9L for Canon £9.99

NB-10L for Canon £12.99

BP-511 for Canon £12.99

LP-E5 for Canon £12.99

LP-E8 for Canon £15.99

LP-E10 for Canon £12.99

NP40 for Fuji £9.99

NP45 for Fuji £9.99

NP50 for Fuji £9.99

NP95 for Fuji £9.99

NP140 for Fuji £12.99

NP150 for Fuji £19.99

NP400 for Minolta £12.99

EN-EL1 for Nikon £9.99

EN-EL3/3A for Nikon £9.99

EN-EL3E for Nikon £14.99

EN-EL5 for Nikon £9.99

EN-EL9 for Nikon £12.99

EN-EL10 for Nikon £9.99

EN-EL11 for Nikon £9.99

EN-EL12 for Nikon £9.99

EN-EL14 for Nikon £19.99

EN-EL15 for Nikon £24.99

EN-EL19 for Nikon £12.99

EN-EL20 for Nikon £14.99

LI10B/12B for Olympus £9.99

LI40B/42B for Olympus £9.99

BLM-1 for Olympus £12.99

BLM-1 for Olympus £12.99

CGA-S005 for Panasonic £9.99

CGR-S006 for Panasonic £9.99

CGA-S007 for Panasonic £9.99

DMW-BCG10 for Panasonic £19.99

DMW-BJC13 for Panasonic £19.99

DMW-BCK7 for Panasonic £19.99

DMW-BLB13 for Panasonic £19.99

DMW-BLE9 for Panasonic £14.99

DMW-BMB9 for Panasonic £24.99

D-L150 for Pentax £12.99

D-L190 for Pentax £12.99

D-L109 for Pentax £12.99

SLM-1137D for Samsung £9.99

SLM-1674A for Samsung £12.99

BG-1 for Sony £19.99

NP-FM50H for Sony £19.99

NP-FH50 for Sony £19.99

NP-FW50 for Sony £24.99

Many more batteries in stock!

### Battery Grips



A range of professional battery grips from Hahnel. All can take two Li-ion batteries for double the battery power. AA battery power, vertical shutter release and/or infrared remote, depending on model.

For Canon 5DmkII: £99.99

For Canon 5DmkIII: £99.99

For Canon 7D: £99.99

For Canon 30D/40D/50D: £99.99

For Canon 60D: £99.99

For Canon 450D/500D: £69.99

For Canon 550D: £99.99

For Canon 600D/650D: £99.99

For Canon 1000D: £69.99

For Canon D90: £69.99

For Nikon D80/D90: £99.99

For Nikon D800/D800E: £99.99

For Nikon D700: £99.99

This is just a sample, more in stock!

## SQUARE FILTERS

### KOOD

#### P-Type Filter System

The P-Type square/rectangular filter system consists of three parts:

- An adapter ring that screws onto the front of your lens.
- A filter holder clips onto the ring.
- One or more P-Type (84mm wide) filters.



KOOD square filters are manufactured in the UK, and are fully compatible with the Cokin P-Type filter system.

#### P-Type Adapter Rings

49mm Adapter Ring	£4.99
52mm Adapter Ring	£4.99
55mm Adapter Ring	£4.99
58mm Adapter Ring	£4.99
62mm Adapter Ring	£4.99
67mm Adapter Ring	£4.99
72mm Adapter Ring	£4.99
77mm Adapter Ring	£4.99
82mm Adapter Ring	£4.99

#### P-Type Holders

Holder Standard	£5.99
Holder Wide Angle	£6.99

#### P-Type Filter Wallet

A smooth cushioned filter wallet, to protect and store up to 8 P-Type filters.

#### P-Type Six-Piece Neutral Density Filter Kit

£49.99
£43.99

#### P-Type Filter

A smooth cushioned filter wallet, to protect and store up to 8 P-Type filters.

#### Neutral Density Filter Kit

Neutral Density filters have a multitude of uses, from revealing detail in landscapes and reducing over-exposure to creating a dramatic effect in motion shots by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND2 Soft Graduated Filter, 1x ND4 Filter, 1x ND8 Soft Graduated Filter, 1x ND16 Filter, 1x ND32 Filter, 1x ND64 Filter, 1x ND128 Filter, 1x ND256 Filter, 1x ND512 Filter, 1x ND1024 Filter, 1x ND2048 Filter, 1x ND4096 Filter, 1x ND8192 Filter, 1x ND16384 Filter, 1x ND32768 Filter, 1x ND65536 Filter, 1x ND131072 Filter, 1x ND262144 Filter, 1x ND524288 Filter, 1x ND1048576 Filter, 1x ND2097152 Filter, 1x ND4194304 Filter, 1x ND8388608 Filter, 1x ND16777216 Filter, 1x ND33554432 Filter, 1x ND67108864 Filter, 1x ND134217728 Filter, 1x ND268435456 Filter, 1x ND536870912 Filter, 1x ND107374184 Filter, 1x ND214748368 Filter, 1x ND429496736 Filter, 1x ND858993472 Filter, 1x ND171798688 Filter, 1x ND343597376 Filter, 1x ND687194752 Filter, 1x ND1374389504 Filter, 1x ND2748779008 Filter, 1x ND5497558016 Filter, 1x ND1099511632 Filter, 1x ND2199023264 Filter, 1x ND4398046528 Filter, 1x ND8796093056 Filter, 1x ND17592186112 Filter, 1x ND35184372224 Filter, 1x ND70368744448 Filter, 1x ND140737488896 Filter, 1x ND281474977792 Filter, 1x ND562949955584 Filter, 1x ND1125899911168 Filter, 1x ND2251799822336 Filter, 1x ND4503599644672 Filter, 1x ND9007199389344 Filter, 1x ND18014398778688 Filter, 1x ND36028797557376 Filter, 1x ND72057595114752 Filter, 1x ND14411519029504 Filter, 1x ND28823038058008 Filter, 1x ND57646076116016 Filter, 1x ND11529213232032 Filter, 1x ND23058426464064 Filter, 1x ND46116852928128 Filter, 1x ND92233705856256 Filter, 1x ND184467411712512 Filter, 1x ND368934823425024 Filter, 1x ND737869646850048 Filter, 1x ND147573929370096 Filter, 1x ND295147858740192 Filter, 1x ND590295717480384 Filter, 1x ND1180591434960768 Filter, 1x ND2361182869921536 Filter, 1x ND4722365739843072 Filter, 1x ND9444731479686144 Filter, 1x ND1888946295937288 Filter, 1x ND3777892591874576 Filter, 1x ND7555785183749152 Filter, 1x ND1511157036748304 Filter, 1x ND3022314073496608 Filter, 1x ND6044628146993216 Filter, 1x ND1208925629398432 Filter, 1x ND2417851357996864 Filter, 1x ND4835702715993728 Filter, 1x ND9671405423987456 Filter, 1x ND1934281887975904 Filter, 1x ND3868563775951808 Filter, 1x ND7737127551903616 Filter, 1x ND15474255103817232 Filter, 1x ND30948510207634464 Filter, 1x ND61897020415268928 Filter, 1x ND123794040230557856 Filter, 1x ND247588080461115712 Filter, 1x ND495176160922231264 Filter, 1x ND990352321844462528 Filter, 1x ND1980704643688925152 Filter, 1x ND3961409287377850304 Filter, 1x ND7922818554755700608 Filter, 1x ND1584563710911401216 Filter, 1x ND3169126721822802432 Filter, 1x ND6338253443645604864 Filter, 1x ND1267650687291120976 Filter, 1x ND2535301374582241952 Filter, 1x ND5070602749164483904 Filter, 1x ND1014120549832967808 Filter, 1x ND2028241099665935616 Filter, 1x ND4056482199331871232 Filter, 1x ND8112964398663742464 Filter, 1x ND1622592877733588912 Filter, 1x ND3245185755467177824 Filter, 1x ND6490371510935555648 Filter, 1x ND12980743021871111296 Filter, 1x ND25961486043742222592 Filter, 1x ND51922972087484445184 Filter, 1x ND10384594417496889032 Filter, 1x ND20769188834993778064 Filter, 1x ND41538377669987556128 Filter, 1x ND83076755339975112256 Filter, 1x ND16615351067995022456 Filter, 1x ND33230702135990044912 Filter, 1x ND66461404271980089824 Filter, 1x ND13292280854396017648 Filter, 1x ND26584561708792035296 Filter, 1x ND53169123417584070592 Filter, 1x ND10633824635168141184 Filter, 1x ND21267649270336283368 Filter, 1x ND42535298540672566736 Filter, 1x ND85070597081345133472 Filter, 1x ND17014119416268026688 Filter, 1x ND34028238832536053376 Filter, 1x ND68056477665072106752 Filter, 1x ND13611295533014421352 Filter, 1x ND27222591066028842704 Filter, 1x ND54445182132057685408 Filter, 1x ND10889036264115370816 Filter, 1x ND21778072528230741632 Filter, 1x ND43556145056461483264 Filter, 1x ND87112290112923966528 Filter, 1x ND17422458022585933256 Filter, 1x ND34844916045171866512 Filter, 1x ND69689832090343733024 Filter, 1x ND13937966418068746048 Filter, 1x ND27875932836137492096 Filter, 1x ND55751865672374984192 Filter, 1x ND11150373134969968384 Filter, 1x ND22300746269939936768 Filter, 1x ND44601492539879873536 Filter, 1x ND89202985079759747072 Filter, 1x ND17840597015951955416 Filter, 1x ND35681194031903910832 Filter, 1x ND71362388063807821664 Filter, 1x ND14272477612761564320 Filter, 1x ND28544955225523128640 Filter, 1x ND57089910451056377280 Filter, 1x ND11417982090211275568 Filter, 1x ND22835964180422551136 Filter, 1x ND45671928360845102272 Filter, 1x ND9134385672169020544 Filter, 1x ND18268713444380401088 Filter, 1x ND36537426888760802176 Filter, 1x ND73074853777521604352 Filter, 1x ND14614970755503328704 Filter, 1x ND29229141511006657408 Filter, 1x ND58458282022013314816 Filter, 1x ND11291856404426629632 Filter, 1x ND22583712808853259264 Filter, 1x ND45167425617706518400 Filter, 1x ND9033485123



## Lowering the Cost of Photography

We are a small, family owned and run company, specialising in photographic consumables - and proud winners of the 2011 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog! To find out more about us (or Cooper) you can also find us on [www.facebook.com/premierink](http://www.facebook.com/premierink)



01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)

### CAMERA BAGS



We will match or beat ANY UK Think Tank price! Full Think Tank range in stock - below are just a few examples:		
Retrospective 7	Airport Commuter	Airport International V2.0
NEW! £114	NEW! £149	£245

### Billingham

We will match or beat ANY UK Billingham price! Full Billingham range in stock - below are just a few examples:			
Hadley Range	The 5 Series	The 07 Range	
Hadley Small £139	225	£259	
Hadley Large £155	335	£269	107
Hadley Pro £169	445	£289	207
	555	£325	307



Comprehensive Kata range in stock!  
Below are just a few examples:

GearPack Range	Digital Rucksack Range	3-N-1 ProLight Series
NEW!	NEW!	
Gearpack-60 £49	DR-465	£65
Gearpack-80 £59	DR-466	£72
Gearpack-100 £69	DR-467	£79
	3N1-25	£139
	3N1-35	£169

### 1 tamrac

Comprehensive Tamrac range in stock!  
Below are just a few examples:

Expedition Range	Velocity Sling Range	Accessories
4X £89	6X £29	Water Bottle £13
5X £104	7X £39	Lens Case 50 £13
6X £119	8X £44	Lens Case 100 £13
7X £149	9X £49	Lens Case 200 £14
8X £169	10X £59	Flash Case £11
		Rain Cover £20

### VANGUARD

Comprehensive Vanguard range in stock!  
Below are just a few examples:

Messenger UP-Rise	Zoomster Outlawz	Backpack UP-Rise
UP-Rise 28 £72	Outlawz 162 £54	UP-Rise 45 £90
UP-Rise 33 £82	Outlawz 172 £63	UP-Rise 46 £99
UP-Rise 38 £90		UP-Rise 48 £108

### RAIN COVERS

OpTech Rainsleeve	Kata Elements Covers	Think Tank Hydrophobia
Unique eyepiece opening and drawstring lens enclosure. Two versions, for DSLRs with or without a flashgun, 2 per pack.	Protect your camera against the elements!	The ultimate protection from the weather!
Standard Flash £6	E690 Small £37	70-200 £109
Flash £8	E702 Large £52	70-200 Flash £114
		300-600 £118

### CAMERA STRAPS

BLACKRAPID		
The world's fastest camera straps!		
RS-4 Classic £54.99	Adapt-its (4) £4.99	
RS-5 Cargo £64.99	Extensions (2) £6.99	
RS-7 Curve £59.99	UniLoop (2) £6.99	
RS-W1 Womens £59.99	ProLoop (2) £9.99	
RS-SPORT £59.99	LensSupport (2) £9.99	
RS-DRI Double £119.99	Sling Adapter £9.99	
SnapR-35 Large £44.99		

OP TECH USA		
The world's best-selling SLR camera straps!		
Camera Straps £9.99	System Connectors £4.99	
Wrist strap £14.99	Adapt-its (4) £4.99	
Classic Strap £14.99	Extensions (2) £6.99	
Super Classic £15.99	UniLoop (2) £6.99	
Pro 3/8 Strap £15.99	ProLoop (2) £9.99	
Pro Loop Strap £15.99	LensSupport (2) £9.99	
Utility Sling Strap £19.99	Sling Adapter £9.99	

E&OE. Prices may be subject to change, but hopefully not!

### TRIPODS



Massive range of Manfrotto in stock!  
Below are just a few examples:

190XPROB Tripod	055XPROB Tripod
Aluminium 3-section legs, aluminium canopy, G80 horizontal lifting central column	Aluminium 3-section legs, aluminium canopy, G80 horizontal lifting central column
Weight: 85kg	Weight: 2.40kg
Load: 5.0kg	Load: 7.0kg
Folded: 57cm	Folded: 65cm
Height: 146cm	Height: 178cm
£99.99	£119.99

190CXPRO3	190CXPRO4
Carbon Fibre 3-section legs, Q90 column	Carbon Fibre 4-section legs, Q90 column
Weight: 1.29kg	Weight: 1.34kg
Load: 5.0kg	Load: 5.0kg
Folded: 57cm	Folded: 58cm
Height: 146cm	Height: 146cm
£239.99	£239.99

MM294A3 Monopod	MM294A4 Monopod
Aluminium 3-section	Aluminium 4-section
Weight: 0.50kg	Weight: 0.50kg
Load: 5.0kg	Load: 5.0kg
Folded: 59cm	Folded: 49cm
Height: 151cm	Height: 151cm
£29.99	£34.99

234 Tilt Head	234RC Tilt Head
Ideal for monopods	with RC2 quick release
Weight: 0.27kg	Weight: 0.27kg
Load: 2.5kg	Load: 2.5kg
£14.99	£24.99

496 RC2 Ball Head	498 RC2 Ball Head
with RC2 quick release	with RC2 quick release
Weight: 0.46kg	Weight: 0.67kg
Load: 6.0kg	Load: 8.0kg
£49.99	£74.99

410 Geared Head	804 RC2 Pan / Tilt
with RCA quick release	with RC2 quick release
Weight: 1.22kg	Weight: 0.79kg
Load: 5.0kg	Load: 4.0kg
£142.99	£49.99

### VANGUARD

Comprehensive Vanguard range in stock!  
Below are just a few examples:

AltaPRO 263AT Tripod	AltaPRO 264AT Tripod
Aluminium 3-section legs, magnesium canopy, MACC Multi-Angle-Central-Column	Aluminium 4-section legs, magnesium canopy, MACC Multi-Angle-Central-Column
Weight: 2.00kg	Weight: 2.01kg
Load: 7.0kg	Load: 7.0kg
Folded: 63cm	Folded: 53cm
Height: 165cm	Height: 155cm
£125.99	£134.99

PRO 253CT	PRO 283CT
Carbon Fibre 3-section legs, MACC column	Carbon Fibre 3-section legs, MACC column
Weight: 1.66kg	Weight: 1.70kg
Load: 7.0kg	Load: 6.40kg
Folded: 63cm	Folded: 64cm
Height: 165cm	Height: 170cm
£242.99	£296.99

PH32 Pan / Tilt	SBH100 Ball Head
3-way fluid head, magnesium alloy, three spirit levels, quick release plate	Lightweight magnesium alloy, twin adjuster knobs, 2 spirit levels, quick release plate
Weight: 0.42kg	Weight: 0.39kg
Load: 10.0kg	Load: 10.0kg
£67.49	£67.49

GH1-1P Gimbal	GH-2 Gimbal
Superb gimbal head, with control handle, with control handle for lens.	Heavy duty gimbal head, with heavy duty rating. Flat mounting for lens.
Weight: 0.8kg	Weight: 1.4kg
Load: 12.0kg	Load: 23.0kg
£229	£329

Travel Angel 2	GH-2 Gimbal
A1628TB0 £179	A1692TB0 £189
A1692TB0 £189	
Flat Traveller 2	
A1162TB0 £204	
A1192TB0 £209	

### KOOD

A284 Tripod	Triad 30 Lite £39.99
Aluminium 4-section	4 section magnesium alloy tripod, legs extendable at 3 different angles, remote control, remote control with 100cm range, height 100-140cm, weight 1.2kg, foldable, 56cm height, 154cm height
Weight: 2.17kg	Weight: 1.20kg
Load: 8.0kg	Max Load: 4.0kg
Folded: 56cm	Folded: 56cm
Height: 154cm	Max Height: 142cm
£73.99	

C2504 Monopod	C2804 Monopod £66.99
Carbon Fibre 4-section	Carbon Fibre 4-section
Weight: 0.59kg	Weight: 1.20kg
Load: 4.0kg	Max Load: 4.0kg
Folded: 47cm	Folded: 56cm
Height: 153cm	Max Height: 153cm
£59.99	

BH02 Ball Head £22.99	BH08 Ball Head £29.99
Sliding quick release plate, spirit level, 360 degrees rotation, triple control knobs	Quick release plate, spirit level, 360 degrees rotation, dual control knobs
Weight: 0.4kg	Weight: 0.42kg
Load: 8.0kg	Load: 12.0kg
£22.99	£29.99

BH22 Ball Head £31.99	BH25 Ball Head £37.99
Sliding quick release plate, spirit level, 360 degrees rotation, triple control knobs	Sliding quick release plate, spirit level, 360 degrees rotation, triple control knobs
Weight: 0.4kg	Weight: 0.42kg
Load: 8.0kg	Load: 12.0kg
£31.99	£37.99

  
<tbl\_struct

# Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.99 per order. All prices **include VAT**, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, [www.premier-ink.co.uk](http://www.premier-ink.co.uk), over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB

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**Premier**  
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Winners of the Amateur Photographer 2011 GOLD "Good Service Award"

# Special Offers

## Manfrotto 190XPROB 496RC2 Kit



190XPROB  
Aluminium Tripod  
with 496RC2  
Ball Head  
**£139.99**

## Canon PGi9 Pro 9500 inks



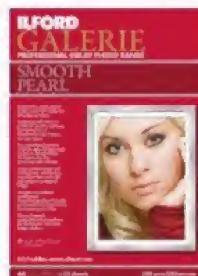
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**£9.99**  
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## Epson T096... R2880 inks



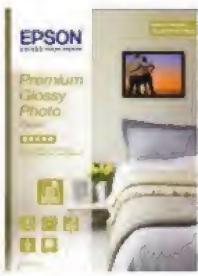
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With a newly designed, extremely fast lens, a new image sensor and full-HD video recording capability, the Leica D-Lux 6 opens up new horizons of creative freedom for picture composition.

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Handgrip ..... £63.00



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The Leica V-Lux 4 is so versatile that it simply takes every situation in its stride. Its fast (f/2.8) lens enables sharp pictures even in poor light and throughout the entire zoom range of 25 to 600 mm (equivalent in 35 mm format).

Outdoor case black ..... £89.00



**V-LUX 40 .....**

Its enormous range of focal lengths (24 to 480 mm) offers the versatility you need for almost every situation. Its auto-focus speed of 0.1 seconds guarantees fast focusing and it can shoot up to 60 frames per second in high-speed mode.

**FREE LEICA LEATHER CASE & SANDISK 8GB SD CARD**

**X2 .....** £1449.00



Black .. £849.00  
EX DISPLAY  
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The compact Leica X2 makes each moment something truly special - and captures them in brilliant picture quality.

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240**

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M Monochrome body ..... £6120.00

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**ONE ONLY!**

## M Series Accessories

Battery BP-SCL2 for M ..... £100.00  
Battery for M8 / M9 ..... £75.00  
ER Case 14547 for M ..... £240.00  
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M Monochrome Hand Grip ..... £209.00  
M Type 240 Hand Grip ..... £209.00  
M Type 240 Multifunction Hand Grip ..... £630.00  
M M-R Lens Adapter ..... £215.00

## M Series Lenses

Ex-display M Summarit 50mm f2.5 .....	£799.00
Ex-display M Summarit 90mm f2.5 .....	£949.00
M APO-Telyt 135mm f3.4 .....	£2450.00
M Super Elmar 18mm f3.8 ASPH .....	£1999.00
M Summilux 21mm f1.4 ASPH .....	£4950.00
M Elmarit 21mm f2.8 ASPH .....	£2299.00
M Super Elmar 21mm f3.4 ASPH .....	£2025.00
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M Elmar 24mm f3.8 ASPH .....	£1699.00
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M Elmarit 28mm f2.8 ASPH .....	£1399.00
M Summilux 35mm f2.5 ASPH .....	£3500.00
M Summicron 35mm f2 ASPH .....	£2150.00
M Summarit 35mm f2.5 .....	£1300.00
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M Summicron 50mm f2 .....	£1550.00
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A DSLR you'll never want to leave behind.

A small and responsive DSLR to take everywhere. The 18-megapixel EOS 100D delivers superb photos and video and features an optical viewfinder and intuitive touch-screen controls.

Now in stock!



Purchase the EOS 100D between 1st May & 31st July 2013 and claim £40 cashback from Canon.

Body SRP £569.99  
Lens sold separately

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Let your creativity grow.

Step into DSLR photography and let your creativity grow. Produce superb photos and video with an 18-megapixel sensor and enjoy shooting with an easy to use Vari-angle Clear View LCD II Touch screen.

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Power to Generation M.

An 18-megapixel interchangeable lens compact system camera small enough to take anywhere. Enjoy simple creative controls & superb low-light performance for stunning images.

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## Canon EOS 1100D



- 12 Megapixel CMOS sensor
- On-screen Feature Guide
- Creative Auto and Basic
- HD Video capture
- Compact & Lightweight

EOS 1100D Body Only

**£278.00**

EOS 1100D + 18-55 IS II

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Add a Tamron 70-300mm f/4-5.6 Di LD Macro 1:2 for only £89.00 when bought with the EOS 1100D

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- 18 Megapixel CMOS sensor
- Scene Intelligent Auto mode
- Full HD movies
- Up to 3.7fps shooting
- 3.0" Vari-angle LCD Screen

EOS 600D Body Only

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- Up to 5fps shooting
- 3.0" Vari-angle LCD Touchscreen

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- Tough, lightweight construction
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- 6 fps continuous shooting
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- Full-HD video with manual control

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EOS-1D X Body Only

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- 24mm f/2.8 L USM
- 28mm f/1.8 USM
- 28mm f/2.8 IS USM
- 35mm f/1.4L USM
- 35mm f/2.0
- 35mm f/2.0 IS USM
- 40mm f/2.8 STM
- 50mm f/1.2 L USM
- 50mm f/1.4 USM
- 50mm f/1.8 II
- 50mm f/2.5 Macro
- EF-S 60mm f/2.8 Macro
- MP-E 65mm f/2.8
- 85mm f/1.2L II USM
- 85mm f/1.8 USM
- 100mm f/2 USM
- 100mm f/2.8 USM Macro
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Only £759.00 Sigma 67mm DG MC UV filter only £24.99 with this lens!

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20mm f/1.8 EX DG	£514.00
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See our website for the new 19mm, 30mm & 60mm Micro 4/3 lenses



## SIGMA

17-70mm

f/2.8-4 DC Macro OS HSM  
 Mainly used for general-purpose photography, this everyday lens covers a range equivalent to 25.5-105mm on a 35mm camera.

A large-aperture lens that opens up to f/2.8, it's surprisingly compact in size.

Only £349.00 Sigma 72mm SHMC Pro-1D UV filter only £53.50 with this lens!

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70-300mm f/4-5.6 DG Macro	£99.99*
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## SIGMA

120-300mm  
f/2.8 DG OS HSM

Although high-function digital cameras now deliver improved picture quality at high-ISO settings, adjusting your lens to a large aperture is still the most effective strategy for action shots. And even if you have to take the shots from a less-than-ideal position, as is often the case when shooting sports or on-stage action, this zoom lens, with its maximum focal length of 300mm, lets you open up the aperture all the way to f/2.8.



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 ► 46 Megapixels  
 ► 19mm f/2.8 (DP1) 30mm f/2.8 (DP2)  
 ► Dual True II Engine  
 ► 3.0" LCD Screen



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### Sony Alpha a57



A57 Body £399.00 A57 + 18-55 £429.99

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Add a Hoya 62mm UV filter for only £16.99

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A lightweight DSLR shoulder bag

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Dual Access Photo & Laptop Backpack

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**V2**  
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V2 + 10-30mm + 30-110mm  
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S1 + 11-27.5mm + 30-110mm

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£429  
£435  
£575



**Nikon**  
D3200  
Black or Red  
  
24.2 megapixels  
4.0 fps  
1080p movie mode

**£40  
CASHBACK\***

**D3200 Body**

**£369**

D3200 + 18-55mm f3.5-5.6 G AF-S DX VR  
**£389 Inc Cashback\***  
Price you pay today £429  
D3200 + 18-55mm VR + 55-300mm  
**£663.05 Inc Cashback\***  
Price you pay today £703.05



**Nikon**  
D5200  
  
24.1 megapixels  
5.0 fps  
1080p movie mode

**£50  
CASHBACK\***

**D5200 Body**

**£599**

D5200 + 18-55mm f3.5-5.6 G AF-S DX VR  
**£619 Inc £50 Cashback\***  
Price you pay today £669  
D5100 From  
**£309 Inc £40 Cashback\***  
Price you pay today £349



**Nikon**  
D600  
  
24.3 megapixels  
5.5 fps  
Full Frame CMOS Sensor

**£150  
CASHBACK\***

**D600 From**

**£1450**

D600 Body  
**£1300 Inc Cashback\***  
Price you pay today £1450  
D600 + 24-85mm f3.5-4.5 VR  
**£1673 Inc Cashback\***  
Price you pay today £1823

CUSTOMER REVIEW: D600 Body

'Superb replacement for D700'

AlphaMar - M.W. England

### I AM: A Thrill-Seeker The New Nikon D7100



### I AM: A Thrill-Seeker The New Nikon D7100

The D7100 is a 24.1-megapixel camera with an EXPEED 3 image processor and together they are capable of delivering lifelike full resolution stills at 6fps and full HD 1080p video recording at 30p, 25p or 24p. Other features include an ISO range of 100-6400 (expandable to HI-2 25,600), 51 Auto Focus points (15 cross types), a 3.2-inch LCD, an optical viewfinder with 100% coverage, dual SD card slots and a 1.3x crop mode.

**NEW!** D7100 Body  
**NEW!** D7100 + 18-105mm

£995  
£1139



**NEW! D7100** From **£995**

From **£995**

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**Nikon**  
D800  
  
24.3 megapixels  
5.5 fps  
Full Frame CMOS Sensor

**D800** From **£1929**

D800 Body  
D800E Body

£1929  
£2349



**Nikon**  
D4  
  
16.2 megapixels  
11.0 fps  
Full Frame CMOS Sensor

**D4 Body**

**£4249**

D7000 Body  
**£542 Inc £100 Cashback\***  
Price you pay today £642

D7000 + 18-105mm VR  
**£689 Inc £100 Cashback\***  
Price you pay today £789

Nikon Capture NX2  
System requirements: Windows 7, Vista, XP Professional, Home Edition or Mac OS X 10.4.11, 10.5.4. See web for more details

**£132.95**

Nikon Capture NX2 Upgrade £84.99

### SONY

NEX-6 Black



16.1 megapixels  
10.0 fps

**NEX-6 Body** From **£599**

NEX-6 + 16-50mm PZ  
£729  
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£899  
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£529  
**NEW!** NEX-3N + 16-50mm PZ  
£379  
NEX-7 Body Black  
£769  
NEX-7 + 18-55mm Black  
£869

RECOMMENDED LENSES:  
Sony E 35mm f1.8 OSS  
Sony E 10-18mm f4.0 OSS

£729  
£899  
£529  
£379  
£769  
£869

A77



24.3 megapixels  
10.0 fps  
1080p movie mode

**A77 From £829**

A65 From  
A57 From  
**NEW!** A58 + 18-55mm  
**NEW!** A58 + 18-55mm + 55-200mm

A99



24.3 megapixels  
6.0 fps  
Full Frame CMOS Sensor

**A99 From £2189**

A99 Body Black  
A99 Body + Battery Grip  
+ 2 FREE Batteries\* worth £136

£2189  
£2399

T&Cs apply – See website for details

### Panasonic

G6



16.05 megapixels  
7.0 fps  
1080p movie mode

**NEW! G6 Body £549**

**NEW!** G6 + 14-42mm  
**NEW!** G6 + 14-42mm + 45-150mm  
**NEW!** G6 + 14-140mm

£629  
£799  
£949

**NEW!** GF6 + 14-42mm  
**NEW!** GF6 + 14-42mm + 45-150mm

£499  
£649

GH3



16.05 megapixels  
20.0 fps  
1080p movie mode

**GH3 Body £999**

GH3 + 14-140mm  
GH3 + 12-35mm  
GX1 + 14-42mm PZ

£1349  
£1699  
£419

RECOMMENDED LENSES:

12-35mm f2.8 Vario Power OIS  
**NEW!** 14-140mm f3.5-5.6 Varo Power OIS

£599  
35-100mm f2.8 Vario Power OIS £999

### OLYMPUS

OM-D E-M5  
Silver or Black



16.1 megapixels  
9.0 fps  
1080p movie mode

**OM-D E-M5 From £839**

OM-D E-M5 Body  
OM-D E-M5 + 12-50mm  
**RECOMMENDED LENSES:**  
Olympus 12mm f2.0 ED Limited Edition  
Olympus 17mm f1.8  
Olympus 75mm f1.8 PW EZ  
Olympus 45mm f1.8

£839  
£989

E-PL5



16.1 megapixels  
8.0 fps

**E-PL5 From £499**

E-PL5 + 14-42mm  
E-PL5 + 14-42mm + 40-150mm  
E-PM2 + 14-42mm + 40-150mm

£499  
£649  
£399

K-5 II



16.3 megapixels  
7.0 fps  
1080p movie mode

**K-5 II Body £699**

K-5 II + 18-55mm WR  
K-5 II + 18-135mm WR  
K-5 IIs Body  
K-30 Body  
K-30 18-55mm WR  
K-30 18-135mm WR

£799  
£1049  
£859

### FUJIFILM



16.3 megapixels  
6.0 fps  
1080p movie mode

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A highly advanced mirrorless Camera with the addition of a newly developed 16 megapixel APS-C X-Trans CMOS sensor. The X-Pro1 is capable of delivering resolution that is parallel to a full-frame DSLR sensor.  
X-Pro1 Body  
£1049

X-E1



16.3 megapixels  
6.0 fps  
1080p movie mode

**X-E1 From £629**

X-E1 Body  
X-E1 + 18-55mm  
**RECOMMENDED X-MOUNT LENSES:**  
Fujinon 14mm f2.8 R XF  
Fujinon 18mm f2.0 R  
Fujinon 35mm f1.4 R  
Fujinon 60mm f2.4 R  
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The EOS 100D delivers superb photos and video and features an optical viewfinder.

**100D Body £529 Inc Cashback\***

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**100D + 18-55mm f3.5-5.6 IS STM + 40mm f2.8 STM £779 Inc Cashback\***

Price you pay today £819

NEW!

£40  
CASHBACK\*\*

\*Correct at time of launch 21.03.13

**NEW! 100D**

From £569

Canon EOS 60D



£65  
CASHBACK\*

**60D**

From £609

60D Body

**£544 Inc Cashback\***

Price you pay today £609

60D + 18-55mm f3.5-5.6 IS II

**£634 Inc Cashback\***

Price you pay today £699

60D + 18-135mm f3.5-5.6 IS

**£734 Inc Cashback\***

Price you pay today £799

Canon EOS 7D



£80  
CASHBACK\*

**7D**

From £1029

7D Body

**£949 Inc Cashback\***

Price you pay today £1029

7D + 18-135mm f3.5-5.6 IS

**£1199 Inc Cashback\***

Price you pay today £1279

7D + 15-85mm f3.5-5.6 IS USM

**£1419 Inc Cashback\***

Price you pay today £1499

## Canon

Let your creativity grow with the 700D...

NEW!

£50  
CASHBACK\*\*

**700D Body £499 Inc Cashback\***

Price you pay today £549

**700D + 18-55mm f3.5-5.6 IS STM £599 Inc Cashback\***

Price you pay today £649

**700D + 18-135mm f3.5-5.6 IS STM £849 Inc Cashback\***

Price you pay today £899

**700D + 18-135mm f3.5-5.6 IS STM + 40mm f2.8 STM £1039 Inc Cashback\***

Price you pay today £1089

18.0 megapixels  
5.0 fps  
1080p movie mode

\*Correct at time of launch 21.03.13

**NEW! 700D**

From £549

Canon EOS 6D



£100  
CASHBACK\*

**6D From £1599**

**NEW! 6D Body £1499 Inc Cashback\***

Price you pay today £1599

**NEW! 6D + 24-105mm f4.0 L IS USM £2099 Inc Cashback\***

Price you pay today £2199

Canon 5D Mark III



£160  
CASHBACK\*

**5D Mark III From £2335**

**5D Mark III Body £2175 Inc Cashback\***

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**5D Mark III + 24-70mm f2.8 L USM II £3735 Inc £395 Cashback\***

Price you pay today £4130

Canon Spring Cashback\* offer ends 31.05.13

\*Canon Summer Cashback\* offer ends 31.07.13

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**GT20**

GT3542 LS

• 146.5cm Max Height

• 9.4cm Min Height



**Manfrotto**  
Imagine More

055XPROB

• 178.5cm Max Height

• 10cm Min Height



055 Series:

055KDB.....£102

055XB.....£113

055XPROB.....£139.95

055CXPRO3.....£249

055CXPRO4.....£259.95

**GIOTTO**

Silk Road YTL8353

• 171cm Max Height

• 19cm Min Height

**NEW! SILK ROAD - 3D Column:**

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YTL8354 Carbon Fibre.....£239

YTL8383 Carbon Fibre.....£259

YTL8384 Carbon Fibre.....£269

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430EX II

£205

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**Macrolites:**



MR-14EX

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**Nikon** Speedlights:



SB700

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**Kits:**



R1 Close-Up

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**SONY** Flashguns:



R1C1

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£499

**PENTAX** Flashguns:



FL-600R

£299

**NISSIN** Flashguns:



MG800

£399

**SURPIK** Flashguns:



PZ42X

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**SENDOMIC** Flashguns:



16R Pro

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**GOSSEN** Flashguns:



Sekonic L-308s

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**AF** Flashguns:



AF 540FGZ

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**AF** Flashguns:



AF 360FGZ

£219.99

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FlexTT5

Plus III

Set £229

PlusX

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120cm Light Tent

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Light Stands

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Inc Honeycomb & Diffuser:

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55cm £129

70cm £129

Rogue FlashBender

From £23.99

INTERFIT

PortAbox

From £22.99

Folding Softbox

From £54.99

**Westcott**

Micro Apollo

£25.99

Umbrella Flash Kit

£65

Ezybox Softbox

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CANON LENSES	
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TS-E 24mm 3.5 L II	£1639
EF 28mm f1.8 USM	£369
EF 35mm f1.4 L USM	£1059
EF 35mm f2.0	£208
EF 35mm f2.0 IS USM	£699
EF 40mm f2.8 STM	£164
TS-E 45mm f2.8	£1099
EF 50mm f1.2 L USM	£1169
EF 50mm f1.4 USM	
**£259 Inc £20 Cashback*	
Price you pay today £279	
EF-S 60mm f2.8 USM Macro	
**£329 Inc £20 Cashback*	
Price you pay today £349	
MP-E 65mm 1:2.8 1-5x Macro	£799
EF 85mm f1.8 USM	£299
TS-E 90mm f2.8	£1099
EF 100mm f2.8 USM Macro	
**£382 Inc £40 Cashback*	
Price you pay today £422	
EF 100mm f2.8 L IS USM Macro	
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Price you pay today £689	
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EF 180mm f3.5 L USM Macro	£1169
EF 200mm f2.8 L USM II	£599
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EF 400mm f5.6 L USM	£1058
EF 8-15mm f4.0 L USM Fisheye	
£904 Inc £155 Cashback*	
Price you pay today £1059	
EF-S 10-22mm f3.5-4.5 USM	
£539 Inc £80 Cashback*	
Price you pay today £619	
EF-S 18-55mm f3.5-5.6 IS USM	
£494 Inc £55 Cashback*	
Price you pay today £549	

EF 16-35mm f2.8 L USM II	£939 Inc £160 Cashback*
Price you pay today £1099	
EF 17-40mm f4.0 L USM	£499 Inc £80 Cashback*
Price you pay today £579	
EF-S 17-55mm f2.8 L IS USM	£694 Inc £55 Cashback*
Price you pay today £749	
EF-S 17-85mm f4.0-5.6 IS USM	£314 Inc £20 Cashback*
Price you pay today £334	
EF-S 18-135mm f3.5-5.6 IS STM	£344
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Price you pay today £389	
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EF 24-105mm f4.0 L IS USM	£822
EF 28-135mm f3.5-5.6 IS USM	£359
EF-S 55-250mm f4.0-5.6 IS II	£199
EF 70-200mm f2.8 L USM II	£1564 Inc £235 Cashback*
Price you pay today £1799	
EF 70-200mm f4.0 L USM	£483
EF 70-300mm f4.0-5.6 IS USM	£348 Inc £20 Cashback*
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EF 70-300mm f4.0-5.6 L IS USM	£1129
EF 75-300mm f4.0-5.6 USM III	£219
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35mm f1.8 G AF-S DX	£148
35mm f2.0 D AF	£255
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50mm f1.4 G AF-S	£289
50mm f1.4 D AF	£244
50mm f1.8 G AF-S	£155
60mm f2.8 G AF-S ED Micro	£404
85mm f1.4 D AF	£949
85mm f1.4 G AF-S	£1189
85mm f1.8 D PC-E Micros	£1339
85mm f3.5 G ED AF-S VR DX Micro	£375
105mm f2.8 G AF-S VR IF ED Micro	£609
135mm f2.0 D AF DC	£1029
180mm f2.8 D AF IF-ED	£695
200mm f4.0 AF Micro	£1179
300mm f4.0 D AF-S IF	£1029
10-24mm f3.5-4.5 G AF-S DX	£639
12-24mm f4.0 G ED AF-S IF	£839
14-24mm f2.8 G AF-S IF	£1315
16-35mm f4.0 G ED AF-S VR	£829
16-85mm f3.5-5.6 G ED AF-S DX VR	£439
17-55mm f2.8 G ED DX AF-S IF	£1049
18-35mm f3.5-4.5 D IF AF	£475
18-105mm f3.5-5.6 G ED AF-S DX VR	£204
18-200mm f3.5-5.6 G ED AF-S DX VR II	£554
18-300mm f3.5-5.6 ED AF-S VR	£679
24-70mm f2.8 G ED AF-S	£1245
24-85mm f2.8-4.0 D AF	£549
28-300mm f3.5-5.6 G ED AF-S VR	£659
55-200mm f4.5-6 G ED AF-S DX VR	£241
55-300mm f4.5-6 G AF-S DX VR	£279
70-300mm f4.5-5.6 G ED AF-S IF VR	£439
80-400mm f4.5-5.6 D AF VR	£1099
NEW! 80-400mm f4.5-5.6 ED AF-S VR	£2449
SIGMA LENSES	
30mm f1.4 EX DC	£259

**TAMRON**

TAMRON LENSES	with 5 Year Warranty
NEW! 90mm f2.8-4.0 VC USD Macro	£619
90mm f2.8 SP Di Macro	£347.95
180mm f3.5 SP AF Macro	£698
10-24mm f3.5-4.5 II LD SP AF Macro	£349
17-50mm f2.8 XR DI II VC	£349
18-200mm f3.5-6.3 DI II VC DX II	£159
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Photo Hatchback AW:  
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Perfect for carrying a DSLR, 2 Lenses, 17" Laptop & Accessories  
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Medium: £139  
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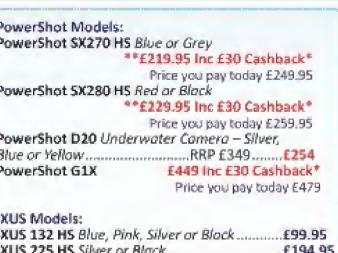
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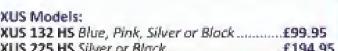
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RRP £349.....£254

PowerShot G1X

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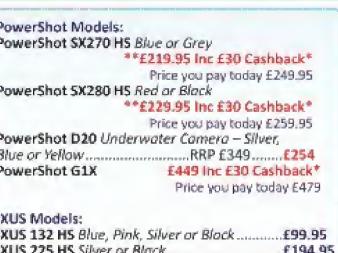
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SQ8 + 80 + RFH ..	£349	70K 100 F2.8 EX ..	£329	710 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
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135 F4 PS M- ..	£249	70K 100 F2.8 EX ..	£329	740 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
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2x Polaroid back ..	£49	70K 100 F2.8 EX ..	£329	760 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
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ME Prism Finder ..	£129	70K 100 F2.8 EX ..	£329	820 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
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Lens Hood 65-80 ..	£20	70K 100 F2.8 EX ..	£329	840 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
Pro shade S Box ..	£49	70K 100 F2.8 EX ..	£329	850 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
Motorwinder ..	£199	70K 100 F2.8 EX ..	£329	860 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
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120 RFH ..	£79	70K 100 F2.8 EX ..	£329	920 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
135 back ..	£99	70K 100 F2.8 EX ..	£329	930 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
Waist level finder ..	£69	70K 100 F2.8 EX ..	£329	940 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
Plain Prism S Boxed ..	£79	70K 100 F2.8 EX ..	£329	950 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
AE Prism Finder ..	£129	70K 100 F2.8 EX ..	£329	960 F2.8 EX ..	£149	35-70 F3.5/4.5 ..	£99	35-70 F3.5/4.5 ..	£99		
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Cornwall Cameras

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Cameras Plus

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01502 723 906

01737 377 266

01658 679 798

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01869 368 183

0131 452 9614

01633 622 738

01792 476 099

01785 233 810

01290 394 182

01495 308 640

01685 723 419

01633 262 738

01792 476 099

01785 233 810

0191 234 4606

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01766 513 612

02476 224 639

0121 744 2456

0121 3232 419

01243 823 456

01243 531 536

01386 442 362

01482 868 243

01274 729 144

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40mm F4 2C	E++ £499
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50mm F2.8 E	E++ £349
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150mm F4 E	E++ £45
200mm F4.5 E	As Seen / Used £79 - £249
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250mm F5.6 E	As Seen / E++ £79 - £159
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120 E Mag	E++ / E++ £255 - £339
120 E Mag	E++ £245
120 E Mag	E++ £199
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200mm F4.5 PG	E++ £199
AE Prism Finder G	E++ / E++ £35 - £125
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50mm F1.4 Macro	E++ £199
50mm F1.4 Macro	E++ / E++ £199 - £249
50mm F1.4 Macro	E++ / Mint £145 - £215

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50mm F1.4 Body Only	E++ £149
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50mm F1.4 Macro	E++ / Mint £199 - £249

## Canon EOS

EOS 1000D Body Only	E++ £449
EOS 1000D Body Only	E++ £159 - £199
EOS 1000D Body Only	E++ £199
EOS 1000D Body Only	E++ / E++ £199 - £249
EOS 1000D Body Only	E++ / Mint £145 - £215

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50mm F1.4 Body Only	E++ £149
50mm F1.4 Body Only	E++ £199
50mm F1.4 Macro	E++ £199
50mm F1.4 Macro	E++ / Mint £199 - £249

## Bronica SQ/A/I/B

50mm F1.4 Body Only	E++ £125
50mm F1.4 Body Only	E++ £149
50mm F1.4 Body Only	E++ £199
50mm F1.4 Macro	E++ £199
50mm F1.4 Macro	E++ / Mint £199 - £249

## Bronica SQ/A/I/B

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50mm F1.4 Body Only	E++ £199
50mm F1.4 Macro	E++ £199
50mm F1.4 Macro	E++ / Mint £199 - £249

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50mm F1.4 Body Only	E++ £199
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## Bronica SQ/A/I/B

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50mm F1.4 Body Only	E++ £149
50mm F1.4 Body Only	E++ £199
50mm F1.4 Macro	E++ £199
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50mm F1.4 Body Only	E++ £125
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		327 RC2	£127
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Leica 90mm f2.8 125mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 135mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 140mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 145mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 150mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 160mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 170mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 180mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 190mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 200mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 210mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 220mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 230mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 240mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 250mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 260mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 270mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 280mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 290mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 300mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 310mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 320mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
Leica 90mm f2.8 330mm f4	£125	Leica 90mm f2.8 100mm f4 DMR	£125
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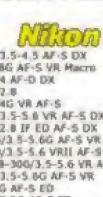
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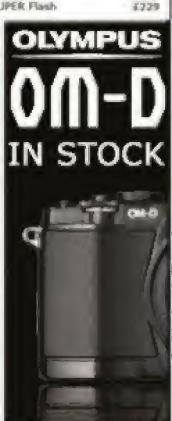
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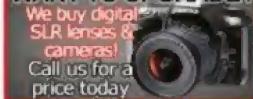
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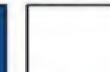
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# ROGER HICKS

We don't 'all' live on social media, some eschew its immediacy for more measured and thought-out lives

**WITHIN** the week or ten days before I wrote this column, one idiot told me that 'we all' live our lives on Facebook nowadays, and another idiot told me that 'we all' rely on smart phones. The reason I call them idiots should not be hard to fathom. I have neither a Facebook account nor a smart phone. I am far from alone in either dereliction. Their 'we' consists principally of shallow, stupid, often financially overprivileged people such as themselves. I am no part of that 'we'; nor do I wish to be.

Do not get me wrong. I have nothing against either Facebook or smart phones for them as wants either. Nor do I believe that their users are necessarily shallow, stupid or financially overprivileged. I do however have everything against people who assume, automatically and without thinking, that they can speak for me. What is more, I firmly believe that if they think they can speak for me, they have given clear proof of their shallowness and stupidity, though not necessarily of their wealth. It is, after all, as easy to be shallow, stupid and poor as to be shallow, stupid and rich; in fact, probably easier.

Forget about wearing your heart on your sleeve. Facebook is wearing your entire life on your sleeve, without, as far as I can see, ever stopping to think about it. Sure, this column can sometimes look very like wearing my heart on my sleeve. On the other hand, most of what appears here is quite carefully thought out, and then structured, written and revised. People read it, I hope, because like me, they believe it is important to think about about how life should be lived, including whatever part of it we devote to photography. After all, as well as simplistic, gung-ho 'This Book Will Change Your Life' authors, there are plenty of writers who provide real food for thought, such as Marcus Aurelius Antoninus; Omar Khayyam; Henry Mayhew; J. M. Keynes; Nassim Nicholas Taleb; Robert and Edward Skidelsky; and, always and enjoyably, Terry Pratchett, now Sir Terry.

This segues surprisingly smoothly into a very old question: what is art for? Including, of course, photographic art. For me, there are two answers, which are not entirely separable. One is pure pleasure. There are things I can look at, and simply

enjoy. My favourite photograph in all the world is Willy Ronis's grab-shot of his wife, La Toilette, 1949, subsequently retitled Provençale Nude. It is a beautiful, beautiful picture of a beautiful woman by a man who was very much in love with her. How much more can you ask of art?

The other answer, though, is that art should make you think. La Toilette does this, but mostly, it makes me think, "I wish I could express that much love, or adoration, with that much technical skill." A completely different reaction to a completely different picture is evoked by Nick Ut's picture of Kim Phuc, better known as 'The Napalm Girl'. What does this make me think? It raises numerous questions. How could anyone drop napalm on women and children? What would I have done if I had been there? How would I feel if I were Kim Phuc? Fortunately, I have heard her speak about this. She said that for many years, she felt that the picture controlled her, but now, she feels she controls it. Go to [www.kimfoundation.com](http://www.kimfoundation.com) for news of the foundation she runs

to help child war victims.

Art doesn't always make you think edifying thoughts, though. It can also make you think, "What makes that picture worth anything, let alone \$100,000" or "Why do I bother?" But these are actually quite deep thoughts. What, indeed, and why, indeed? Unless you are prepared to meditate upon such questions, you cannot decently dismiss those who have thought about them, even if you disagree with them. It is all very well to dismiss Susan Sontag's *On Photography* as drivel written by someone who knew nothing about photography, but unless you can defend your view that it is drivel, you're not really thinking, you're just reacting.

Which brings us, again surprisingly smoothly, to smart phones. Socrates famously said that the unconsidered life is not worth living. But what are Facebook and Twitter if not disincentives to consider our lives? Including our photographs. Don't think: just react. Take a picture, and push it out there. But why? Who is interested? What pleasure will it give them? What can they learn? Will it help them think? Or will it simply help them to skate on, unthinkingly, assuming that everyone is as shallow and thoughtless as they are? **AP**

**Roger Hicks** is a much published author on photography. He has written more than three dozen books on the subject, many in partnership with his wife Frances Schultz. He has been a freelance photographer/writer since 1981, contributing to many magazines. Visit his website at [www.rogerandfrances.com](http://www.rogerandfrances.com)

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